

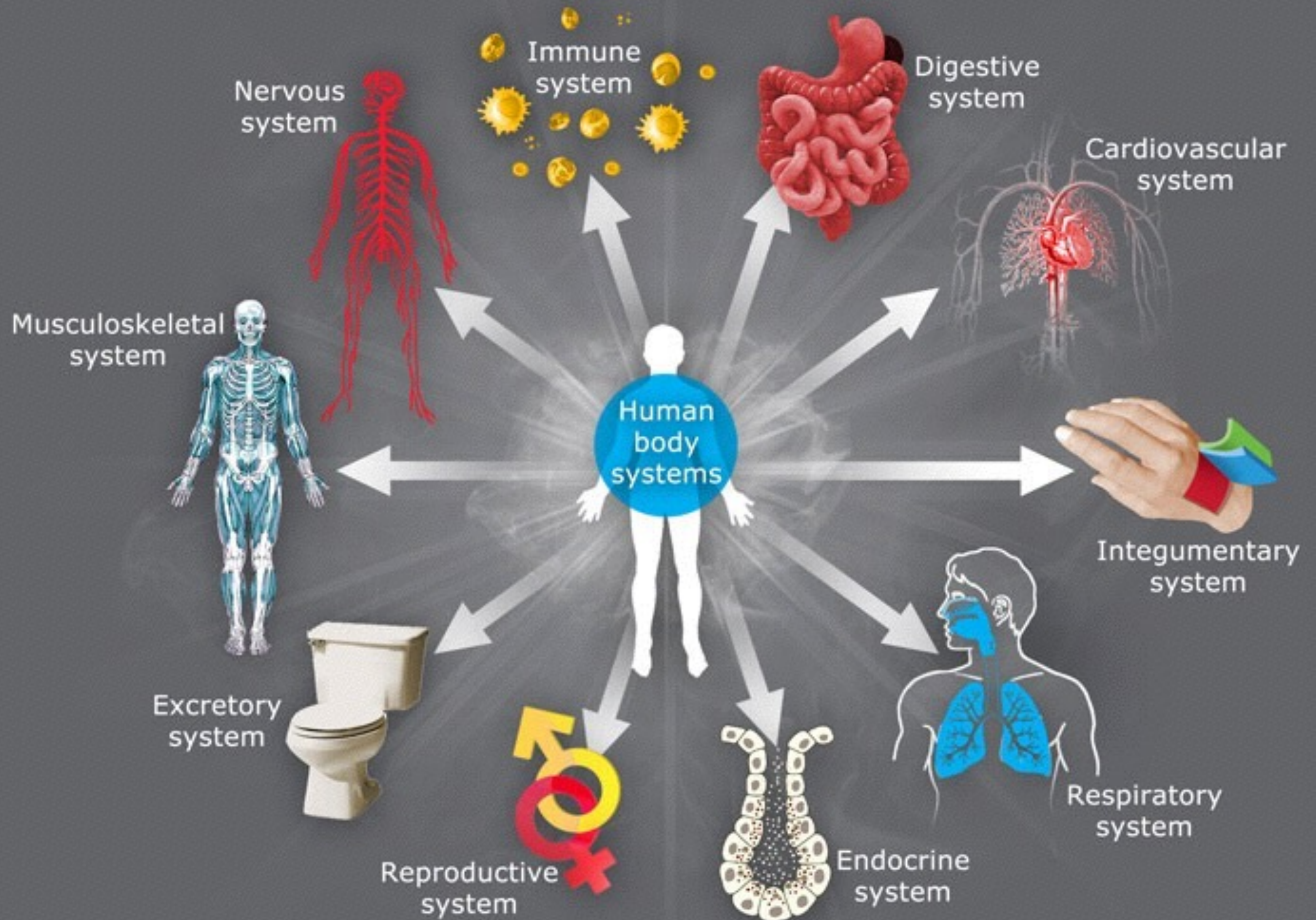




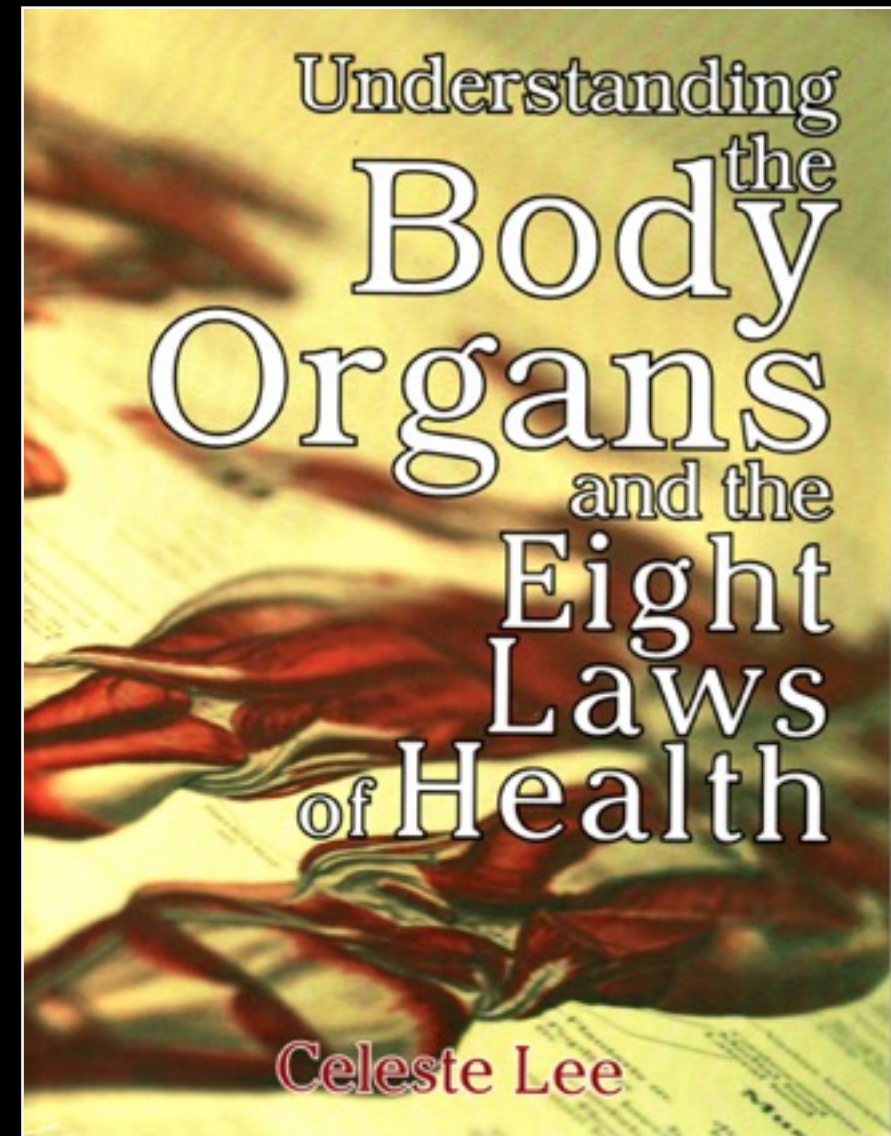
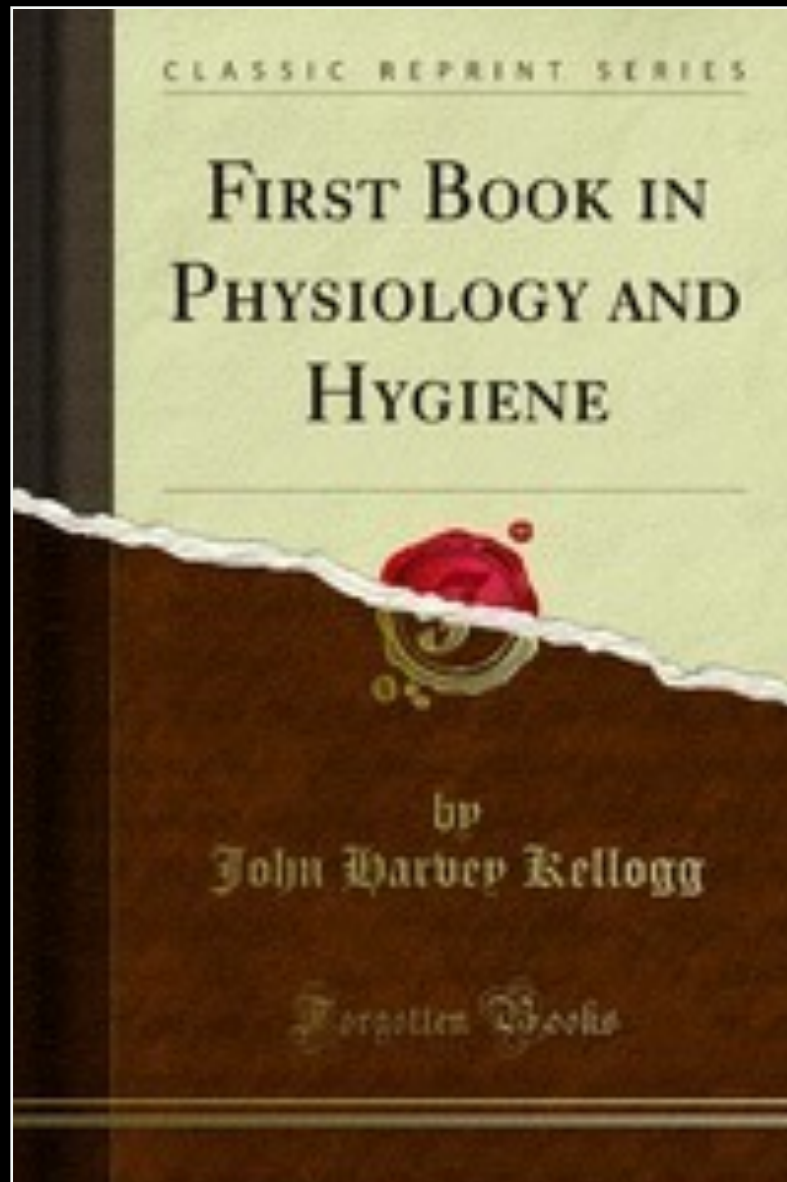
A central illustration of a human figure in a running pose, with the skin removed to reveal the internal skeleton and major organs. Surrounding the figure are ten circular insets, each containing a detailed anatomical diagram of a specific body system: a brain cross-section (top left), a heart cross-section (top right), a muscle fiber (top right), a heart (middle right), a digestive system (bottom right), a kidney (bottom right), a ribcage (bottom center), a female reproductive system (bottom left), a brain cross-section (top left), and a blood smear (top left).

**A knowledge of physiology and hygiene should be the basis of all educational effort. {Ed 195.1}**









**From the first dawn of reason**, the human mind should become intelligent in regard to the physical structure. Here Jehovah has given a specimen of Himself, for man was made in the image of God.  
The first study of the young should be to know themselves and how to keep their bodies in health. {CG 103.2 & 3}



# An Illustration Of How The Body Works with Digestion



**Input Stage**



**Intermediate  
Stage**



**Output Stage**



# Nature's Human Factory

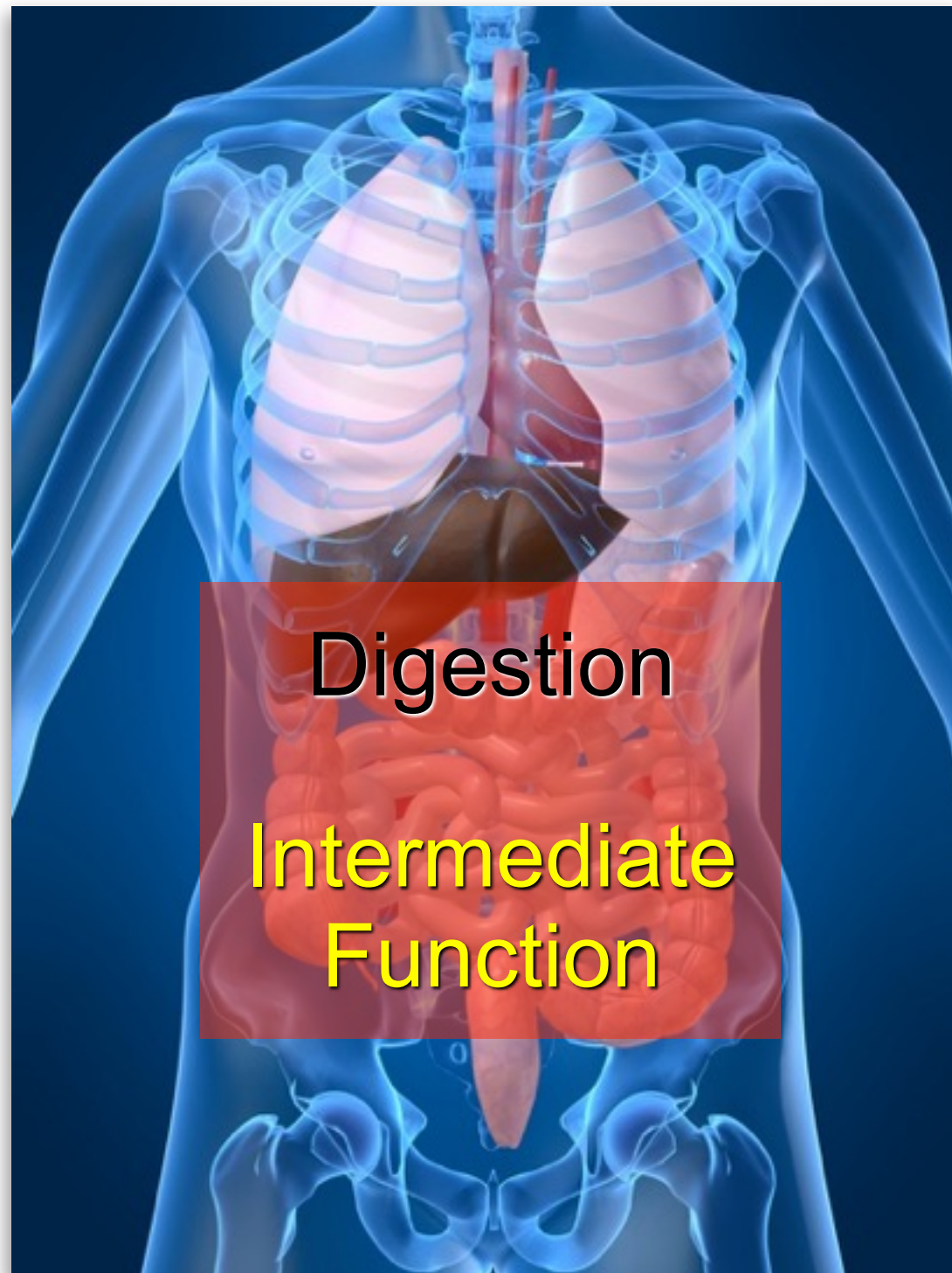
## The Human Body

### Input Function

Mastication &  
Breathing In

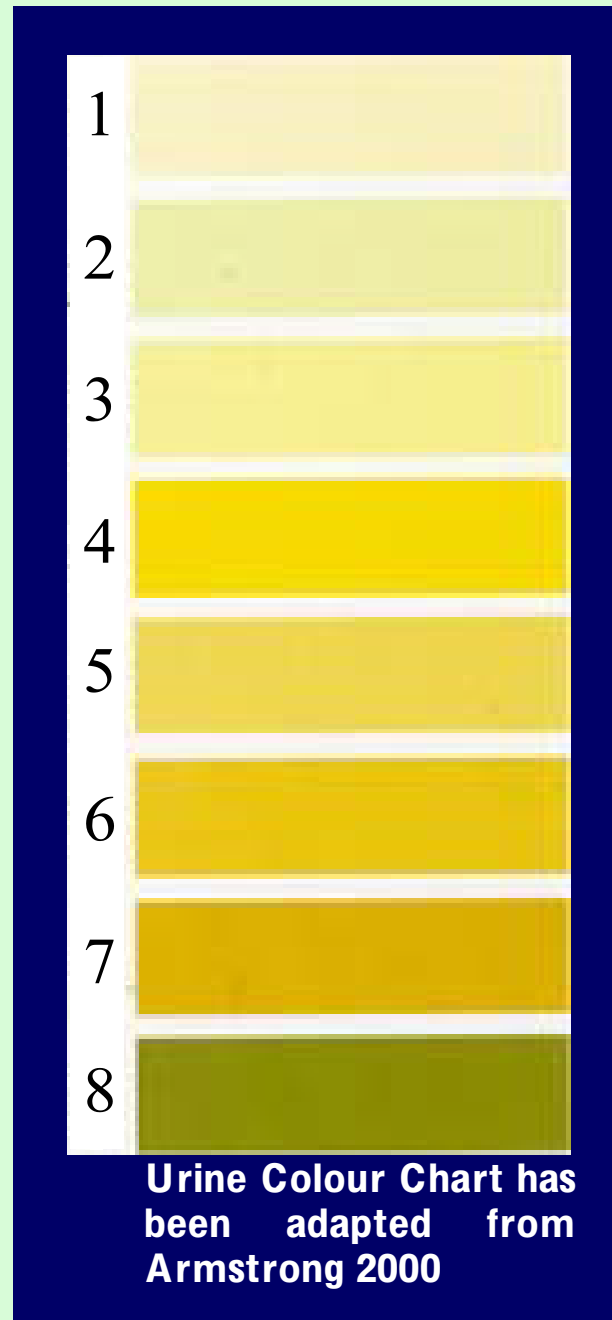
#1 Output Function  
Perspiration

#2 Output Function  
Urination





# Urine Colour Test for Dehydration



If the water in the body is balanced, the urine will be a pale straw or lemonade colour. When water loss from the body exceeds water intake, the kidneys need to conserve water, making the urine much more concentrated with waste products and subsequently darker in color.

Dark yellow urine is a sure indicator that the individual is dehydrated and that the fluid consumption must be increased.

The aim is to produce urine no darker than colour 3 of the Urine Color Chart. Desire to urinate less than twice per day and/ or producing urine darker than colour 3 in the chart indicate severe dehydration; the individual must start drinking immediately.

## ***Interpretation:***

The urine colour should be compared to the chart to the left. The lower the number, the better the result. A urine color rating of 1, 2 or 3 is considered to be well-hydrated (Armstrong, 2000). Based on these results, changes in fluid intake can be made.

## ***Precautions:***

Certain medicines and vitamins may cause the colour of the urine to change. If any of these have been taken, this test is unreliable.

The colours your see on this chart should only be used as a guide. If more accurate comparison is required, please go to an original source.

# Dehydration

Dehydration occurs when a person's body loses too much water. When a person stops drinking water or loses large amounts of fluids because of diarrhea, vomiting, or sweating, the body reabsorbs fluid from the blood and other body tissues.



# Nature's Human Factory

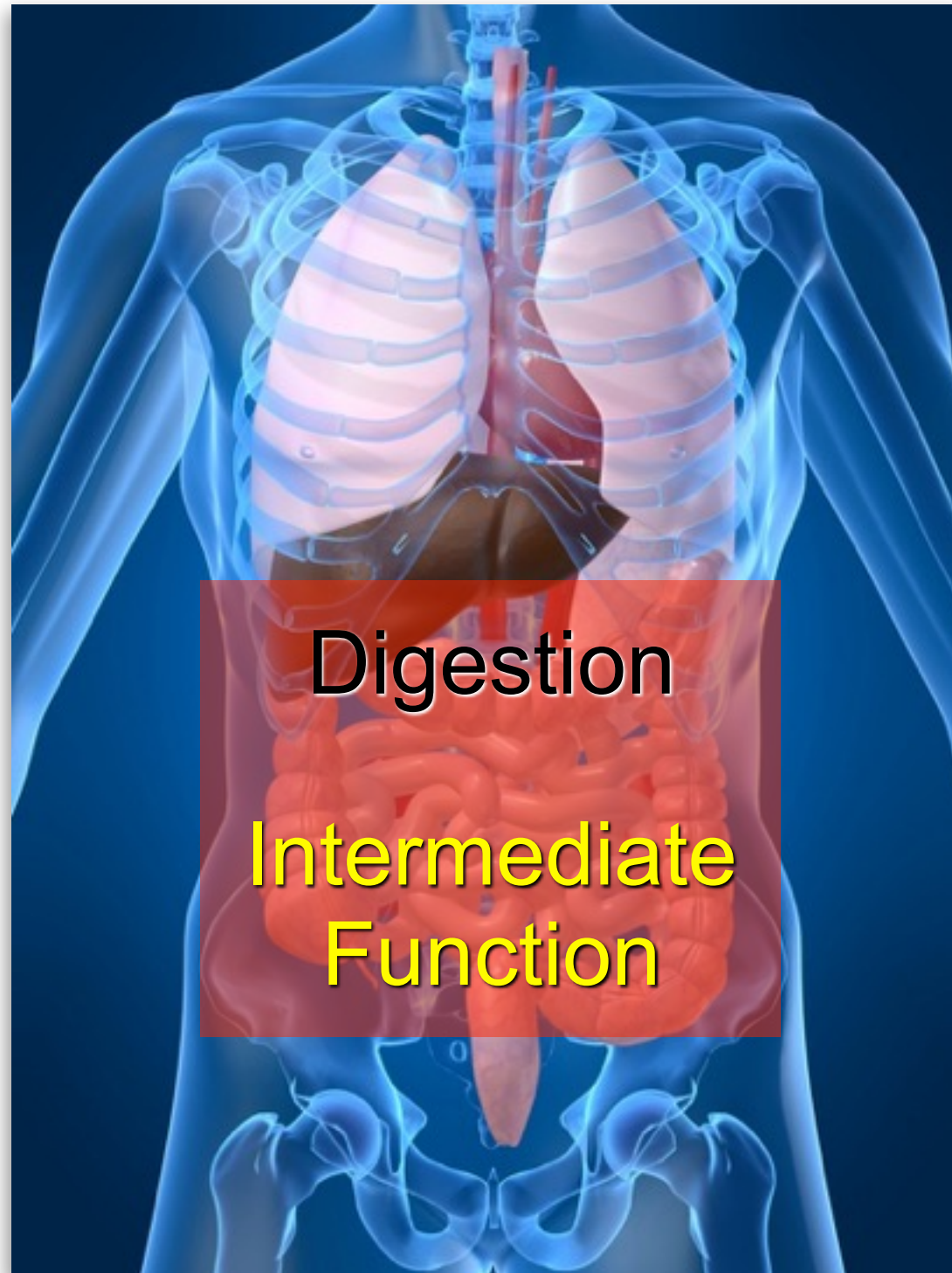
## The Human Body

### Input Function

Mastication &  
Breathing In

#1 Output Function  
Perspiration






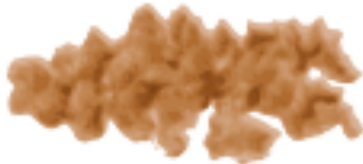

#2 Output Function  
Urination



# 3 Output Function  
Defecation



# Bristol Stool Chart

Type 1		Separate hard lumps, like nuts (hard to pass)
Type 2		Sausage-shaped but lumpy
Type 3		Like a sausage but with cracks on the surface
Type 4		Like a sausage or snake, smooth and soft
Type 5		Soft blobs with clear-cut edges
Type 6		Fluffy pieces with ragged edges, a mushy stool
Type 7		Watery, no solid pieces. Entirely Liquid

# Nature's Human Factory

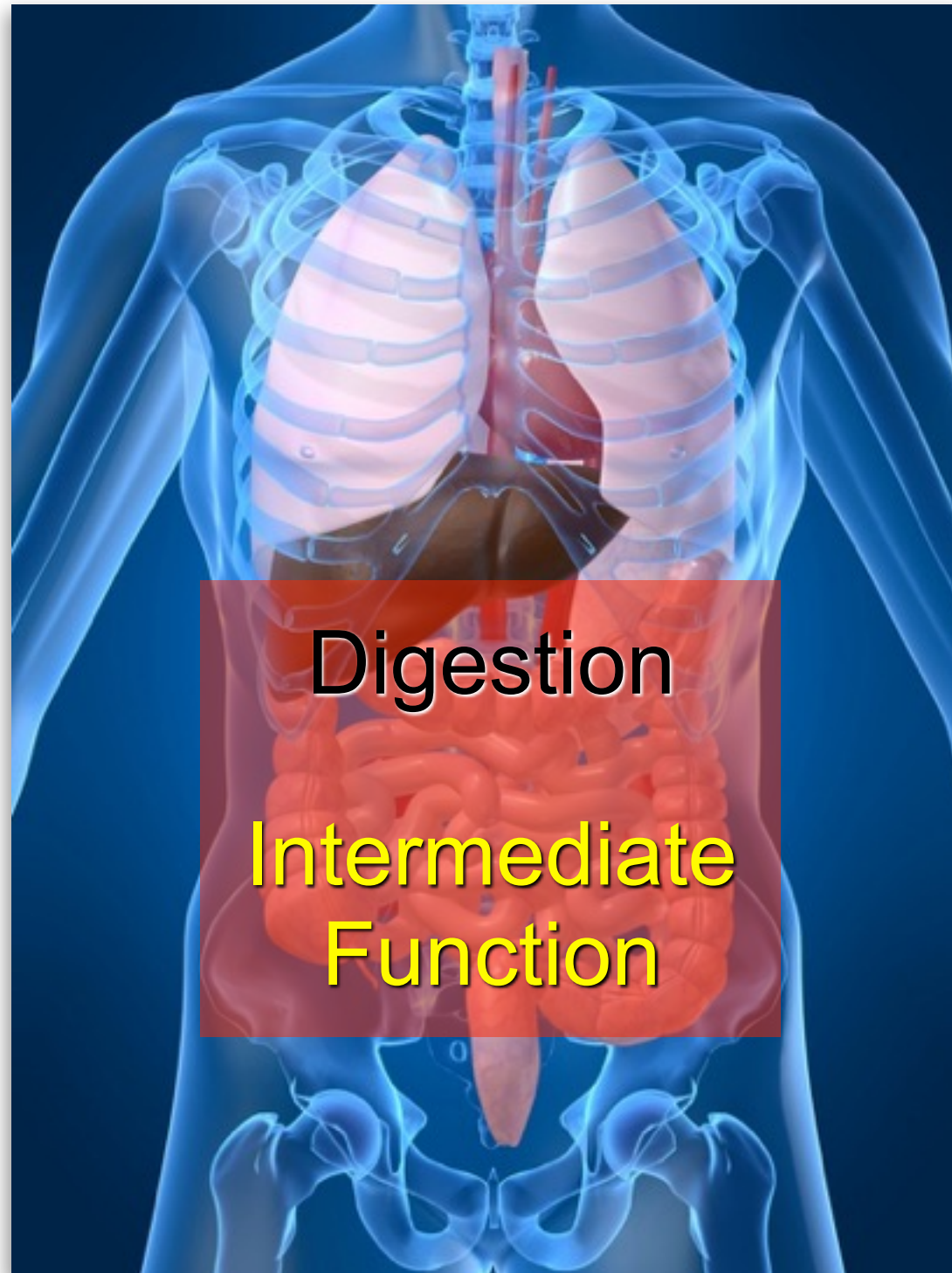
## The Human Body

### Input Function

Mastication &  
Breathing In

#1 Output Function  
Perspiration

#2 Output Function  
Urination



#4 Output Function  
Exhalation

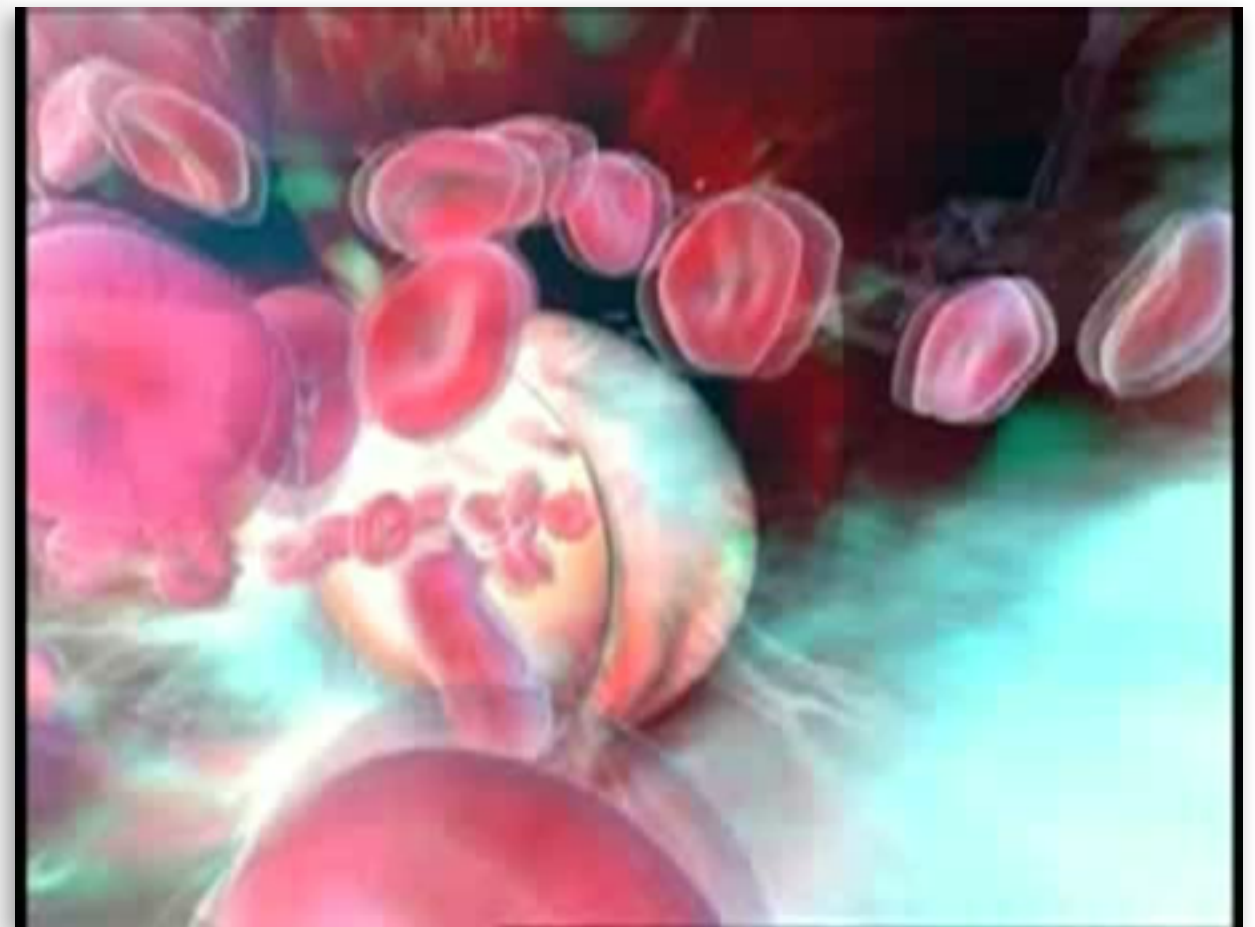
# 3 Output Function  
Defecation



- The Top Four:

- Bring Oxygen
- Bring Water
- Bring Nutrients
- Remove Waste

Leviticus 17:11  
...For the life of the flesh  
is in the blood...





# NUTRITION





# The Original Diet

And God said, Behold, I have given you every herb bearing seed, which is upon the face of all the earth, and every tree, in the which is the fruit of a tree yielding seed; to you it shall be for meat.

Genesis 1:29

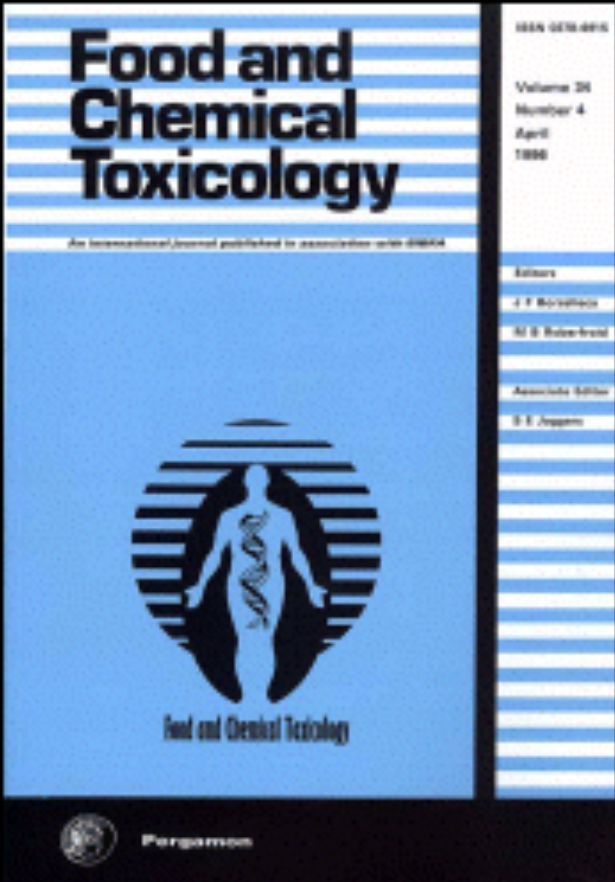






Genetically  
Modified  
Organisms



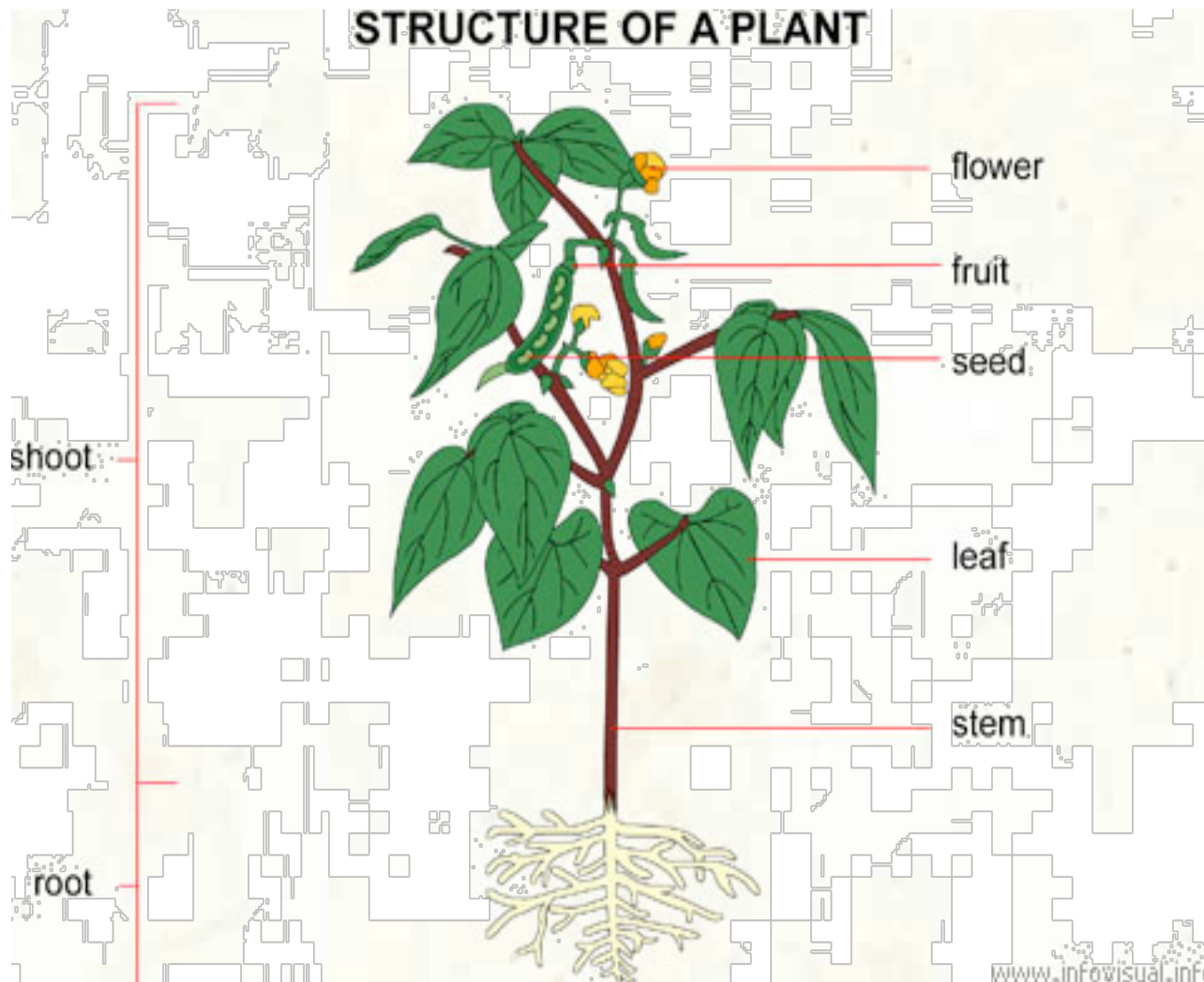


*Food and Chemical Toxicology* (FCT) publishes original research articles, reviews, and case reports on the **toxic effects**, in animals or humans, of natural or synthetic **chemicals** occurring in the **human environment** with particular emphasis on **food safety**, **chemical safety**, and other areas of **consumer product safety**.

“The health effects of a Roundup-tolerant genetically modified maize (from 11% in the diet), cultivated with or without Roundup, and Roundup alone (from 0.1 ppb in water), were studied 2 years in rats. **In females, all treated groups died 2–3 times more than controls, and more rapidly.** This difference was visible in 3 male groups **fed GMOs**. All results were hormone and sex dependent, and the pathological profiles were comparable. Females developed large mammary tumors **almost always more often than and before controls**, the pituitary was the second most disabled organ; **the sex hormonal balance was modified by GMO and Roundup treatments.** In treated males, **liver congestions and necrosis were 2.5–5.5 times higher.**”

# The Original Diet

...thou shalt eat the herb of the field;  
Genesis 3:18b





And the LORD God formed man of the dust of the ground, and breathed into his nostrils the breath of life; and man became a living soul.

Genesis 2:7







# From Elements To Man

All the elements from the dust is found in man:

Magnesium, Phosphorus, Calcium, Potassium, Sodium, Iron, Iodine, Chlorine, Sulfur, etc

Therefore we should choose foods that come from a root system.







# Nutrition



What our body needs for proper nutrition?

Carbohydrates

Proteins

Fats

Vitamins and Minerals



# Breads and Cereals



These foods have a high complex carbohydrate content and provide the body with **energy sources**: whole grain bread, hot cereals, pasta, and brown rice.

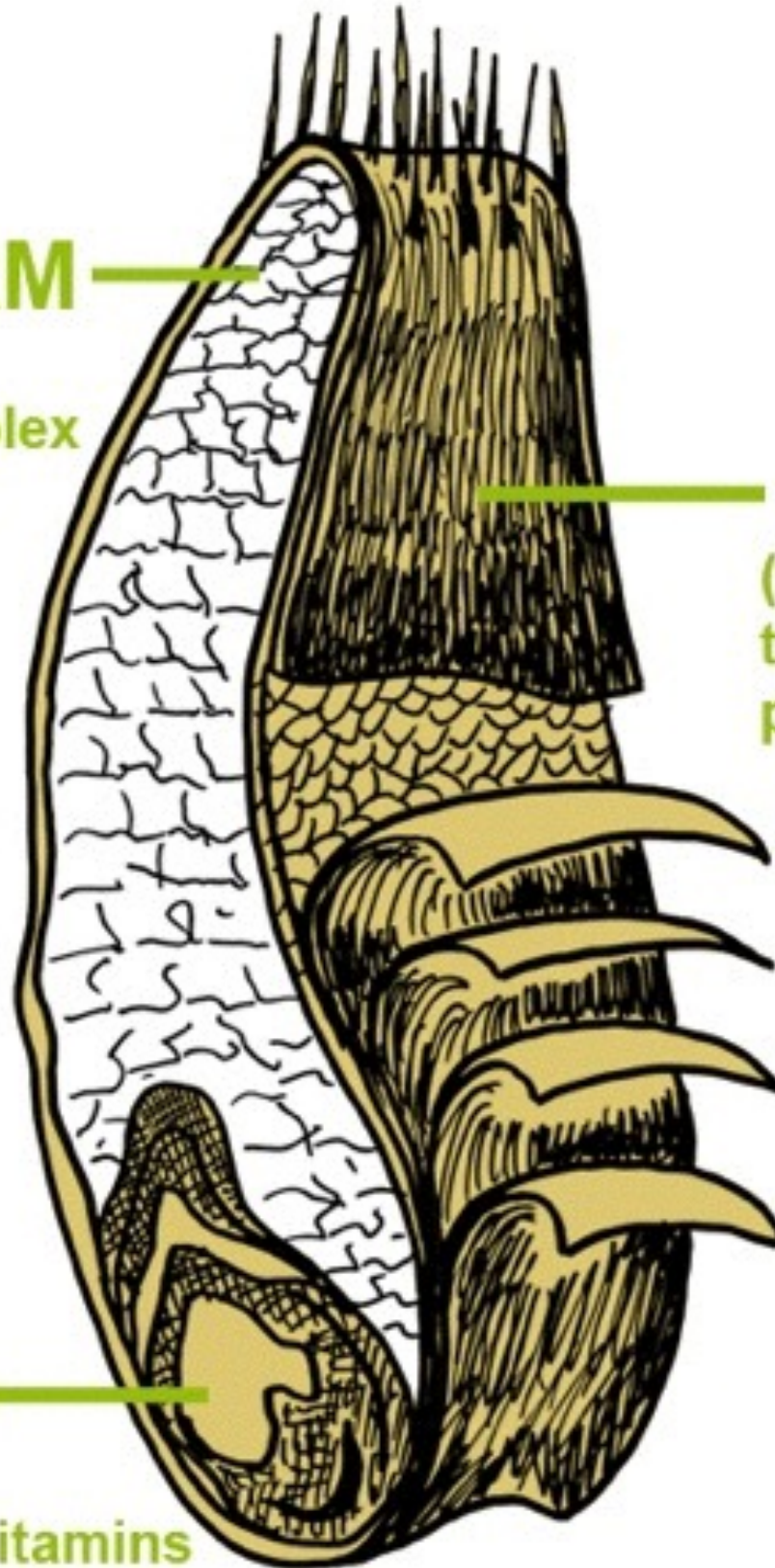


# The Whole Grain Kernel

**ENDOSPERM**  
(source of complex carbohydrates, B-complex vitamins and proteins)

**BRAN**  
(fiber, B-complex vitamins, trace minerals and phytonutrients)

**GERM**  
(essential fatty acids, vitamin E, B-complex vitamins and trace minerals)







# Fruits and Veggies

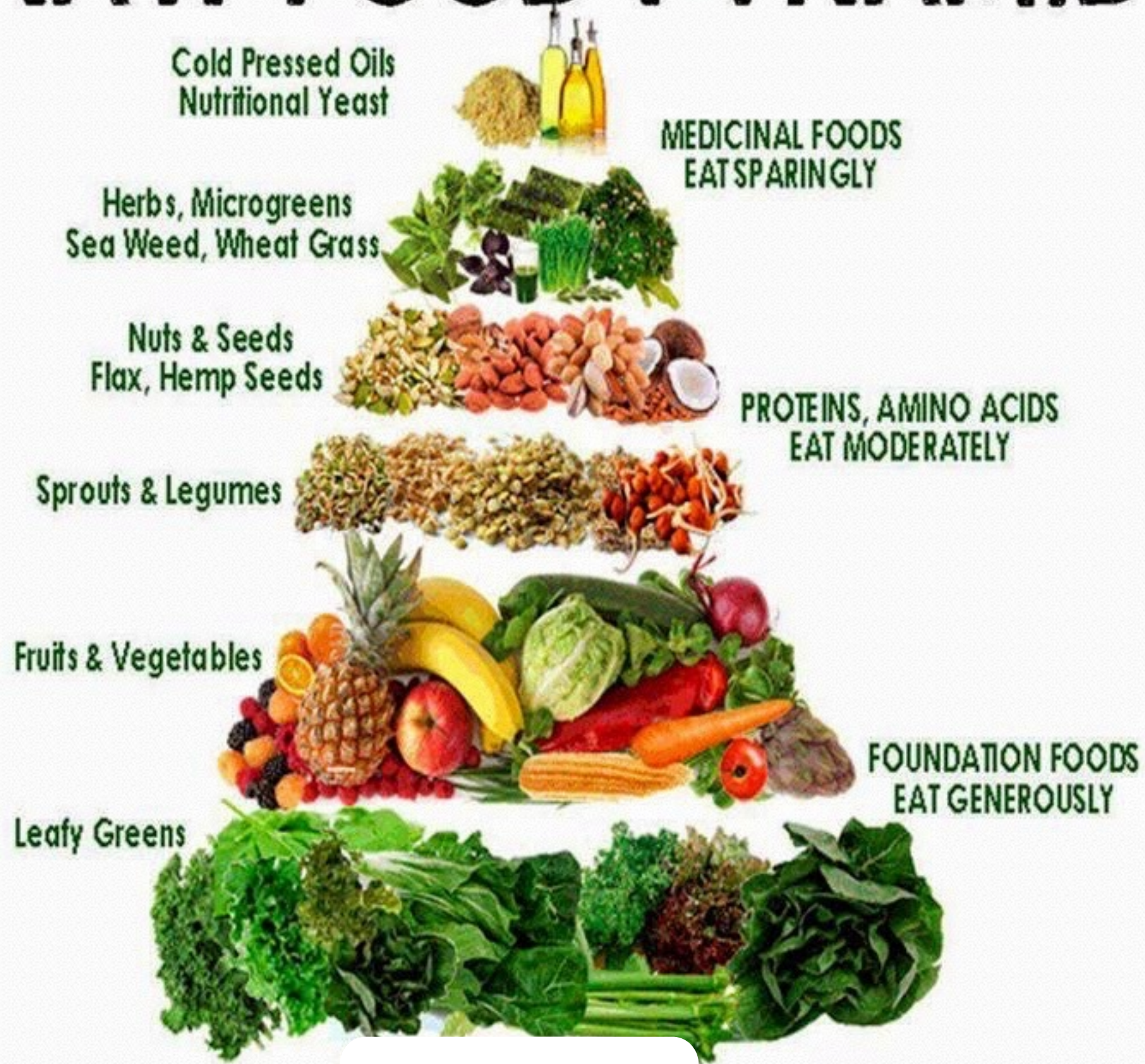
**A diet high in fruits and vegetables has been linked to many health benefits, including:**

- **Healthier body weight**
- **Lower blood pressure**
- **Less risk of diabetes**
- **Combats certain cancers**
- **Better digestion**
- **Heart health**
- **Clear skin**
- **Shiny hair**





# RAW FOOD PYRAMID





# Benefits of Cooking







# Rules for Cooking Vegetables

## **General guidelines for cooking vegetables without losing nutrients**

Comparing the healthfulness of cooked food is complicated. A cooking method might destroy one nutrient but increase the absorption of another. And much is still unknown about how different plant molecules interact with the human body. Some general preparation guidelines will serve you well:

**Steaming** is the best overall route to maximize antioxidants in many vegetables, particularly cruciferous vegetables such as broccoli and cabbage. Think lightly steamed, as prolonged heating can destroy fiber and nutrients.

**Pressure cooking and boiling** also are good for preserving antioxidants in vegetables such as carrots, spinach, mushrooms, asparagus, peppers and others, but cooks should guard against leaching out vitamins and nutrients -- as much as 80 percent in broccoli -- in the cooking water. **The rule here is a short cooking time, with as little water as possible, for maximum benefits.**






**How much should I have?**







Types of legumes include beans, lentils and peanuts. Legumes provide fiber, folate, potassium and iron. Legumes are also recommended as a healthy alternative to animal-derived foods because of its **high-protein content.**



# PROTEIN

## Why do we need protein in our diet?

What is protein? What does it do for us? And where do we find it in our foods?

Proteins come in many different forms and have many different functions, for example:

- **Part of your DNA – your genetic inheritance!** Proteins combine with nucleic acids to form nucleoproteins, in the nucleus of every cell in your body;
- **Enzymes** – These are the proteins which make everything happen, e.g. to break down food for absorption; to regulate the entry of nutrients through cell walls, and the removal of waste-products; to grow, develop, move, reproduce. (Many enzymes also need specific **vitamins** and **minerals** to function);
- **Haemoglobin** – the protein which, with iron, carries oxygen around your body;
- **Myoglobin and elastin** – These are the two main proteins in muscle fibres;
- **Bones** are mainly proteins, with calcium, magnesium and phosphate;
- **Hormones** which send chemical messages between nerve cells and to regulate metabolism;
- **Antibodies** which circulate in your blood to protect you against viruses; and
- **Keratin** which forms your hair and nails



# Animal Based Protein







# The Washington Post

Too much protein could lead to early death, study says

March 04, 2014



“We provide convincing evidence that a high-protein diet - particularly if the proteins are derived from animals - **is nearly as bad as smoking for your health**,” one of the academics behind the work, Dr Valter Longo, of the University of Southern California says.





CHIA SEEDS



ASPARAGUS



BROCCOLI



LENTILS



PEAS



QUINOA



BEANS

# Top 10 Plant Based Proteins

PUMPKIN SEEDS



HEMP SEEDS



SUNFLOWER SEEDS





# Fats

- Those which occur naturally in plant foods. Good whole food sources of fats are whole grains, nuts, beans, seeds, avocados, and olives. If oil is used, less refined and fresher oils(coconut, Grape seed, and olive oil) are better in **small quantities**.





# Fats

Like [protein](#), but not [carbohydrates](#), fat is essential to human life, we all need fat in our diets:

- Fat is a concentrated source of energy – 1 gram of fat contains 9 calories, much more than a gram of protein or carbohydrate which both contain 4 calories per gram. The body can pull on its fat reserves during lean times for energy, converting fat into glucose.
- Fat provides a cushion to help protect our vital organs – without fat our organs would be more prone to damage. Furthermore, fat acts as an insulator, helping us to maintain the correct body temperature.
- Fat enables our bodies to process vitamins A, D, E and K, which are all fat soluble and vital to good health. (More on [Vitamins](#))
- Like amino acids in protein, fat contains essential fatty acids (EFA's). These EFA's are, as their name suggests, essential to good health and likely to help the heart and immune system. The human body cannot make its own (synthesize) these EFA's and therefore has to get them from consumption of fat.
- Some fatty acids – like omega 3 – may provide other health benefits such as complimenting the cognitive processes of the brain.

Although we need fat, we only need **small quantities** of the right kinds of fat to stay healthy.

- Consuming too much fat and the wrong kind of fat can be detrimental to our health.



# FATS



BAD FAT

VS



GOOD FAT



The Good Guys	The Bad Guys
<b>Unsaturated Fats:</b> Polyunsaturated fatty acids & Mono-unsaturated fats  <b>Benefits:</b> Reduce heart disease Antioxidants Vitamin E Lower cholesterol  <b>Sources:</b> Vegetable oils Fatty fish Flaxseeds Walnuts Olives Olive Oil Almonds Avocado Brazil Nuts Cashews and more....	<b>Saturated Fats:</b> Trans fat & Hydrogenated fat/oil  <b>Disadvantages:</b> Raise cholesterol Clog arteries Increase risk of heart disease  <b>Sources:</b> Animal products Dairy Butter Fried food Lard Packaged foods and more....

A study by scientists at the Fred Hutchinson Cancer Research Center in Seattle linked **eating a lot of oily fish or taking potent fish oil supplements** to a 43% increased risk for prostate cancer overall, and a 71% increased risk for aggressive prostate cancer. Their report was published online in the ***Journal of the National Cancer Institute.***



## **Cooking with Oils**

Best Oils to Cook With (400 +)

Cocunut Oil

Red Palm Oil

Almond Oil

Avocado Oil

Walnut Oil

Peanut Oil

Grapeseed Oil

No Cook or Low Cook Oils (200-)

Flax Seed Oil

Virgin Olive Oil

Evening Primrose Oil





Grains, fruits, nuts, and vegetables constitute the diet chosen for us by our Creator. These foods prepared in as **simple** and **natural** a manner as possible, are the most healthful and nourishing. They impart a strength, a power of endurance, and a vigor of intellect, that are not afforded by a more complex and stimulating diet. {CD 310.2}



# KAYLA'S CAKE





# KAYLA'S CUPCAKES





# KAYLA & JADA'S BISCUITS & GRAVY w. SCRAMBLED TOFU





# 10 Generations Before The Flood

• Adam	930 years
• Seth	912 years
• Enos	905 years
• Cainan	910 years
• Mahalaleel	895 years
• Jared	962 years
• Enoch	365 years
• Methuselah	969 years
• Lamech	777 years
• Noah	950 years

Genesis 5

Avg. Life Span  
912 years



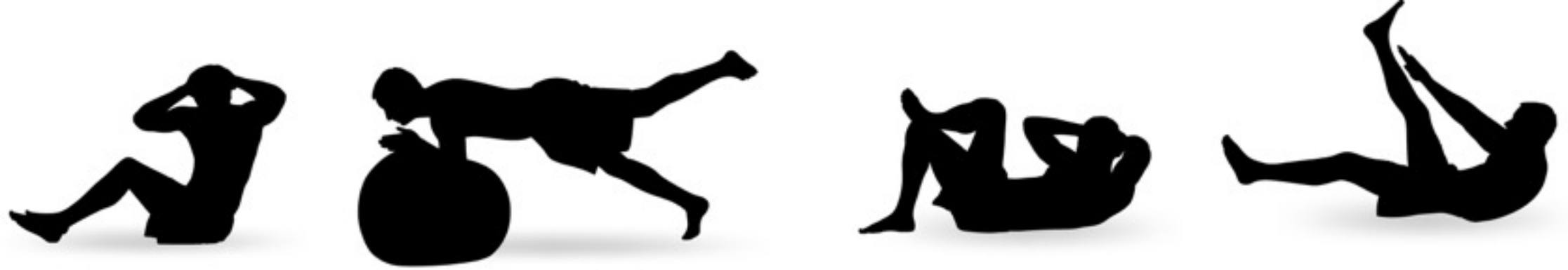
# 10 Generations After The Flood

• Shem	600 years
• Arphaxad	438 years
• Salah	433 years
• Eber	464 years
• Peleg	239 years
• Serug	230 years
• Nahor	148 years
• Terah	205 years
• Abraham	175 years

Genesis  
11:10-26, 25:7

Avg. Life Span  
317 years





# DAILY EXERCISE





# What is Exercise?

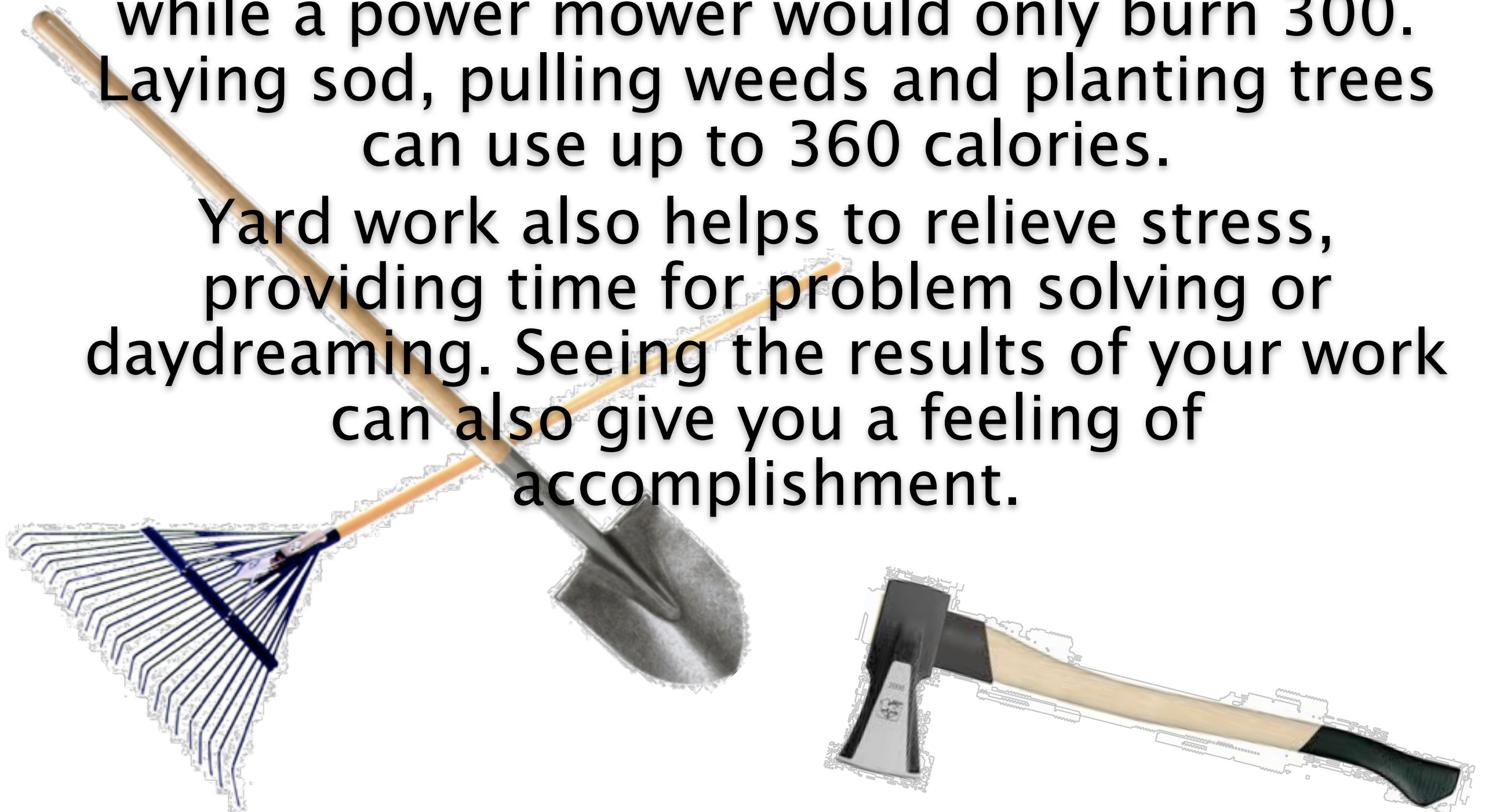
- Bodily exertion for the sake of developing and maintaining physical fitness:
  - Target Heart Rate— $220 - \text{age} = \text{THR}$ 
    - (Stay between 50–85% of this rate for 30–60 min)
  - Aerobic—Constant moderate intensity physical activity that requires the heart and lungs to work harder to meet the body's increased oxygen demand (Bicycling, Walking)
  - Anaerobic—Exercise in which oxygen is used up more quickly than the body is able to replenish it inside the working muscle. (Push-ups, Pull-ups)



# Burning Calories

Raking, bagging and carrying leaves can burn about 330 calories per hour. Clearing and digging can burn approximately 400. Using a manual mower can burn about 490 calories, while a power mower would only burn 300. Laying sod, pulling weeds and planting trees can use up to 360 calories.

Yard work also helps to relieve stress, providing time for problem solving or daydreaming. Seeing the results of your work can also give you a feeling of accomplishment.





# Similarities between yard work and traditional exercise

Push mowers exercise leg, arm and shoulder muscles

Digging involves weight lifting, abdominal stretching and squatting

Digging requires as much energy as aerobics and swimming

Weeding involves forearm stretches and squatting

Carrying wood, clearing land, hauling branches and laying sod give you a workout equivalent to stationary bicycling

You can burn as many calories in 45 minutes of yard work as in 30 minutes of aerobics



# Benefits of Exercise

- Increased Respiration & Circulation
- Clear Mind
- Increased Digestion
- Weight Management
- Decreased Health Risks
- Increased Strength
- Healthy Skin
- Bone Density
- Healthy Heart
- Healthy Hair





A tall, clear glass is filled with water, and a stream of water is being poured into it from above, creating a dynamic splash and many bubbles. The background is a scenic landscape featuring a calm body of water, distant forested hills, and a sky with scattered white clouds. The entire image has a cool, blue-toned color palette.

PURE WATER





# Early Symptoms of Dehydration

Headache

Fatigue

Confusion

Loss of Appetite

Flushed Skin

Heat Tolerance

Light-headedness

Cotton Mouth

Dry Eyes

Skin Tightness

Abdominal Pain



# How Much Do We Really Need?

$\frac{1}{2}$  of your body  
weight in fluid  
ounces

$$\begin{aligned} 200\text{lbs} \times .5 &= 100 \text{ fl} \\ \text{oz } 200\text{lbs} \div 2 &= 100 \text{ fl} \\ &\text{oz} \end{aligned}$$





It was observed that consumption of "hard" water, or **water containing dissolved solids**, is associated with possible **cardiovascular effects**. As noted in the American Journal of Epidemiology, consumption of hard drinking water is negatively correlated with **atherosclerotic heart disease**. [16]





# Distilled

I should bathe  
frequently, and  
drink freely of  
**pure, soft** water.  
{CD 419.2}





**If we do not drink enough water the body will take from the following areas:**

- BONES
- LIVER
- SKIN
- COLON
- BRAIN



# HYDROTHERAPY

IS USEFUL IN TREATING:

- Congestion
- Colds
- Bronchitis and other respiratory diseases
- Improves circulation
- Removes toxins

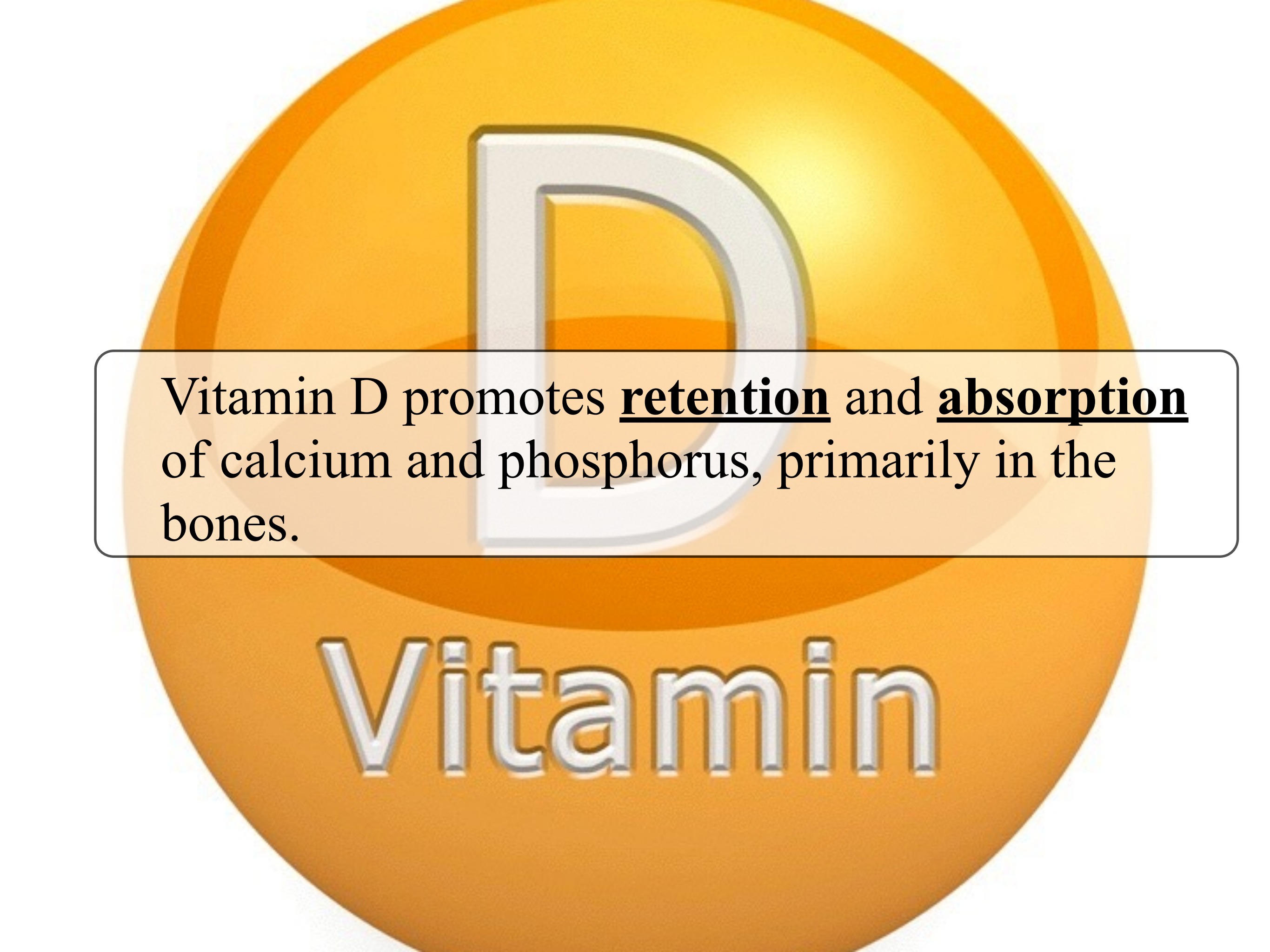




A vibrant blue sky filled with fluffy white clouds. A brilliant sun is positioned in the upper left quadrant, casting a powerful, wide array of light rays across the entire scene. The rays create a strong sense of depth and brightness, illuminating the clouds and the sky itself. The overall mood is one of clarity, warmth, and natural beauty.

**SUNLIGHT**





Vitamin D promotes **retention** and **absorption** of calcium and phosphorus, primarily in the bones.

Vitamin



## Stanford University California



A recent study found that sunlight enhances the immune system against invading germs and sun-induced skin damage. The T cells of the immune system are responsible for fighting against infections and cancer, but their activity is **triggered** by information about the threat. These are brought by the **dendritic cells**, which ingest infected and damaged cells and transport the regurgitated pieces to T cells.

If the T cells perceive foreign elements, they multiply and the huge number of T cells **destroys infected cells**. But scientists were puzzled how T cells could receive information from all around the body.



# Stanford University California



Previous research on the gut found that dendritic cells expel a compound that induces T cells to generate a receptor that helps them head for the intestine.

A team led by immunologist Eugene Butcher at Stanford University, California, found **a similar immune process in human skin.**

Under the action of sunlight, skin cells produce an inert form of vitamin D, which was long thought to become active and thus usable by the body after processed by the kidney and liver. But the team found that dendritic cells in the skin can do it. The "active" vitamin D3 reaches nearby T cells, inducing them to generate receptors specific to skin chemokines. (**Attractant to guide cells**)



# Prevention the Best Cure

- Adequate Sunlight (Vitamin D) Equates To:
  - 50% reduced risk of breast cancer
  - 43% reduced risk of hip fracture
  - 80% reduced risk in colon cancer
- Inadequate Sunlight (Vitamin D) Equates To:
  - >50% increased risk of heart attack



# How Much Do We Need?

Light Skinned—30 Minutes p/day

Dark Skinned—60 Minutes p/day

Without Sunscreen (SPF 8 or more  
blocks UV rays needed to synthesize  
Vitamin D)

Face; Neck, Arms Exposed

Don't Burn





TEMPERANCE

SELF  
CONTROL

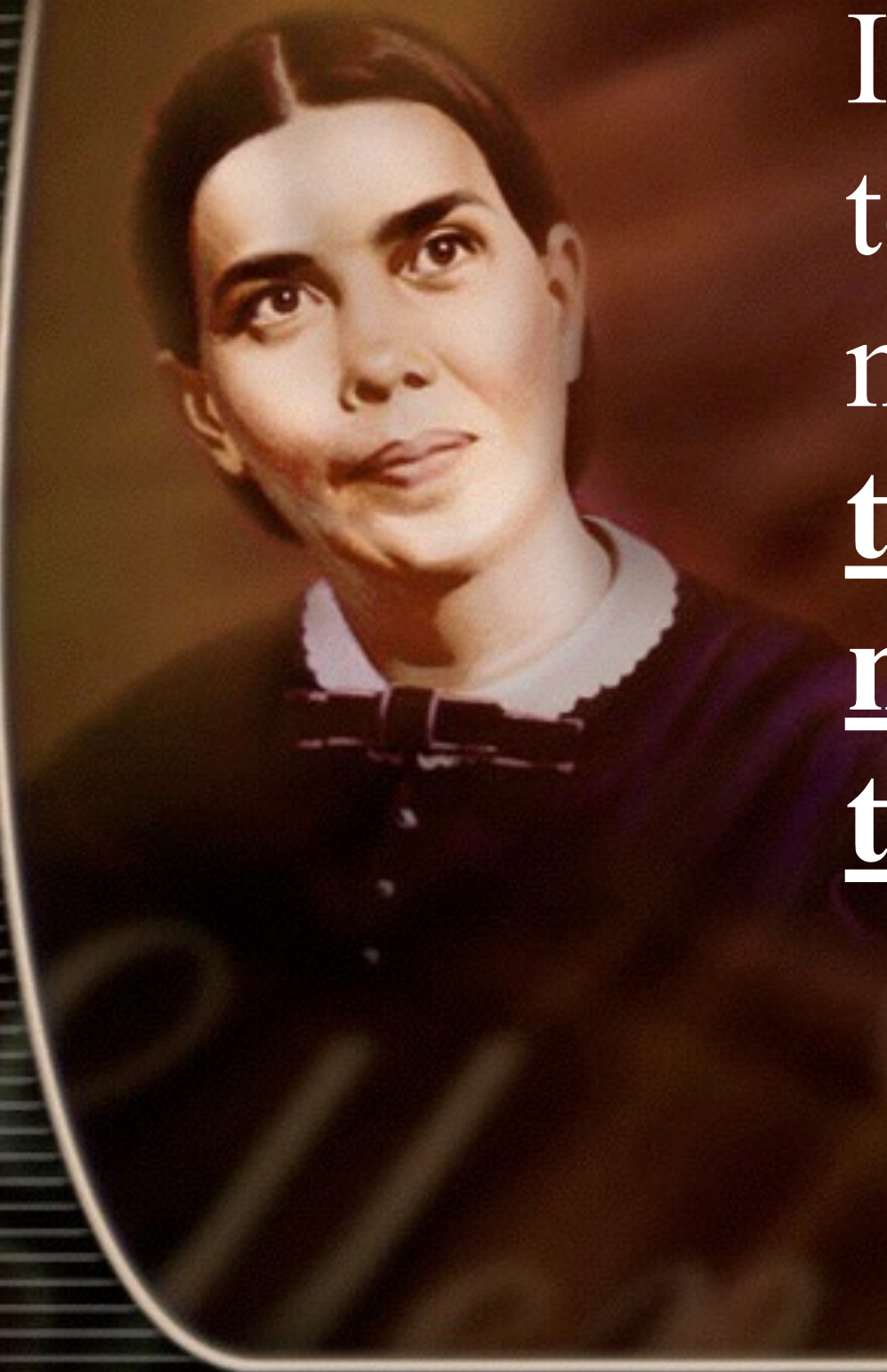




# Temperance (Self Control)







In order to make the  
temperance  
movement a success,  
the work of reform  
must begin at our  
tables.-- {Te 196.4}





**Keep  
Toxins  
Out**





**Alcoholic  
beverages  
destroy the cells**



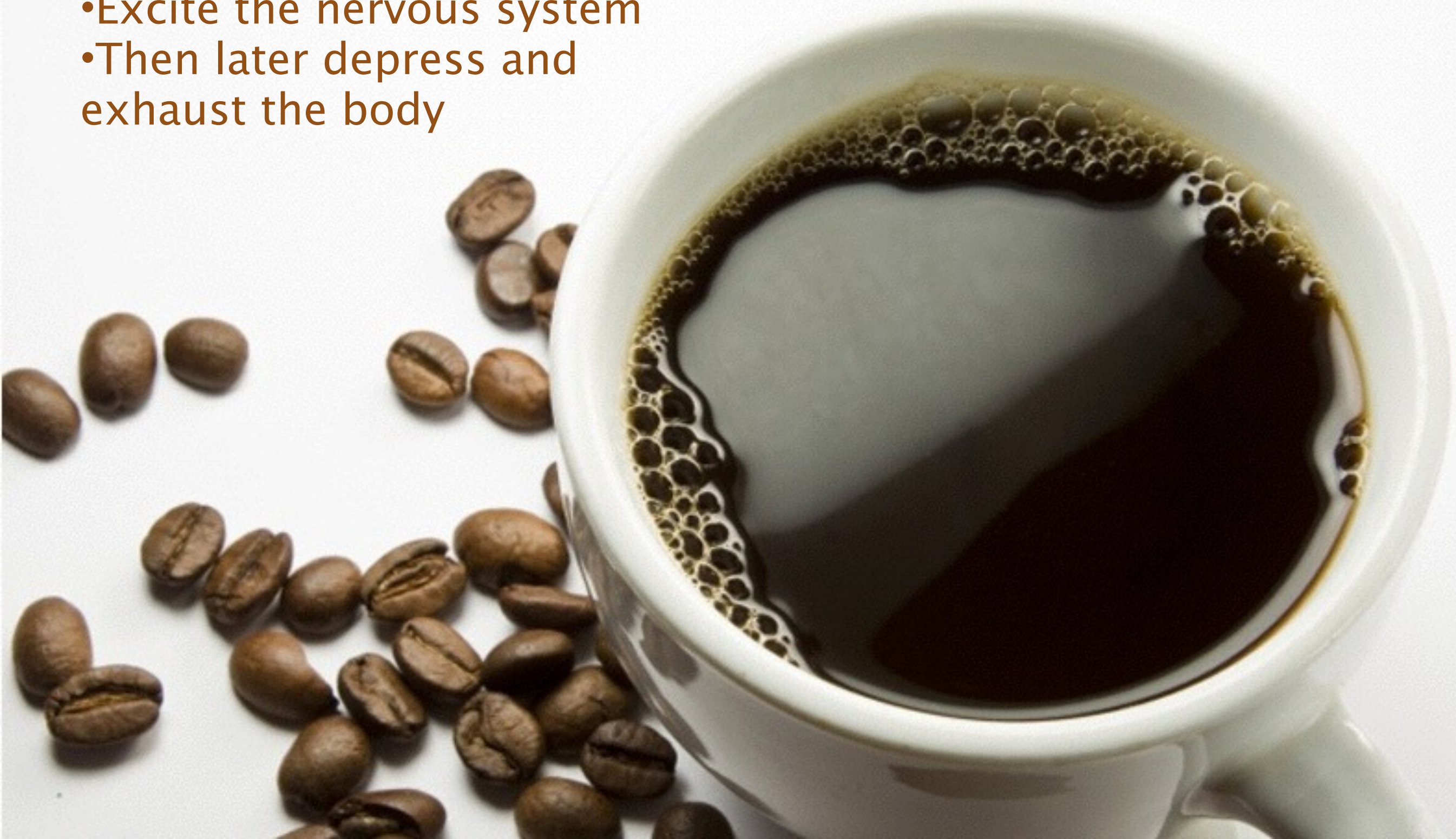


**Coffee affects the  
function of cells!!!**



# CAFFEINE:

- Becloud the intellect
- Benumb the energies
- Excite the nervous system
- Then later depress and exhaust the body





# CIGARETTES:

cause damage to  
the cells





# **WANTED FOR STEALING!**

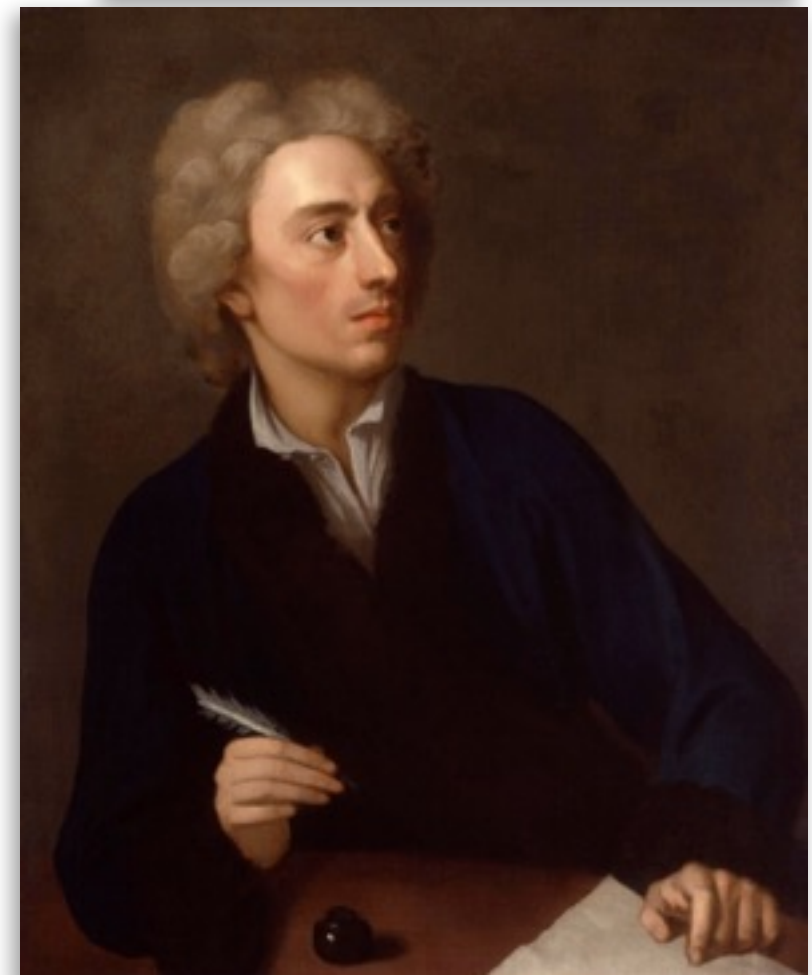


- **Sugar robs your body of B vitamins.**  
(B vitamins are necessary for a healthy nervous system)
- **Sugar contains no nutrients, but it requires nutrients to metabolize sugar.**



- “Regularity in the hours of rising and retiring, perseverance in exercise, adaptation of dress to the variations of climate, simple and nutritious aliment, and temperance in all things are necessary branches of the regimen of health”. **Lord Chesterfield**
- “Health consists with temperance alone”. **Alexander Pope**
- “True temperance teaches us to **dispense entirely** with everything hurtful and to use **judiciously** that which is healthful”.

**Temperance p. 138**





# Temperance or Intemperance

- Nutrition:

- I ate breakfast at 8am and I feel hungry at 10am... so I eat again.

INTEMPERANCE

- I am a total vegetarian, I don't eat meat, dairy, or eggs. I am healthy. Today for breakfast I had 3 apples, 2 bowls of cereal,  $\frac{1}{4}$  cup of raisins, 1 banana, 4 slices of bread and butter, and a smoothie.

INTEMPERANCE

- It is time for dinner and I am starving. I eat salad w/olives, rice and beans, sautéed cabbage and onions. Tastes fantastic! Time for plate number two. I realize I am roughly 80% full but could eat lots more. I decide I've had enough.

TEMPERANCE



# Temperance or Intemperance

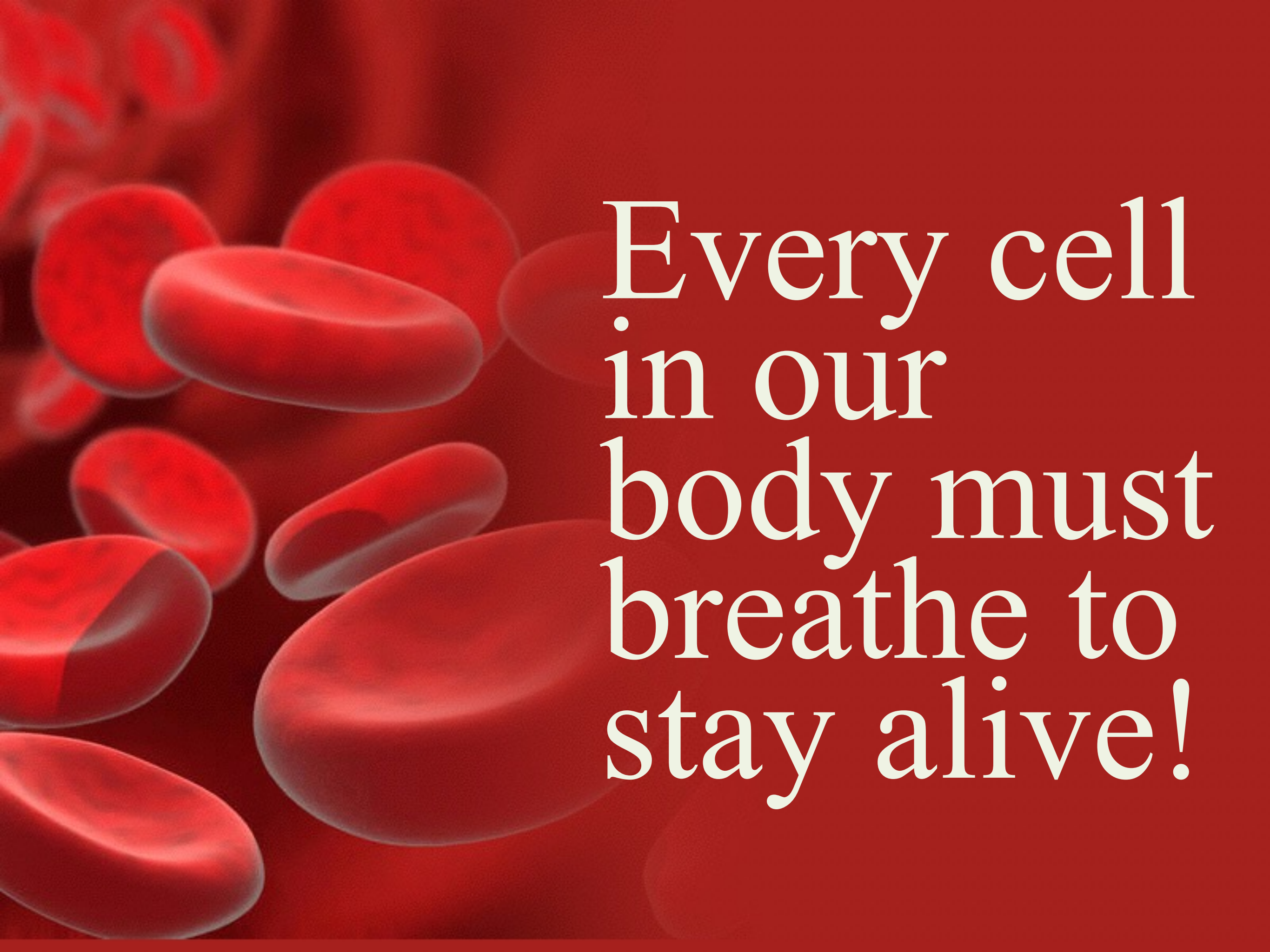
- Exercise:
  - I feel fit and exercise once a week for 1hr.
  - **INTEMPERANCE**
  - I work construction and spend two-hours working-out at the gym every day after work.
  - **INTEMPERANCE**
  - I walk briskly every morning and get intense workouts at least three times per week.
- Water: **TEMPERANCE**
  - I weigh about 200lbs and drink 10–12 glasses of water p/day
  - **TEMPERANCE**
  - I get plenty of water. I'm perfectly hydrated. I drink 3 Vitamin Waters, 4 cups of coffee, 1 diet coke, and 1 red bull every day. **INTEMPERANCE**



# OPEN AIR





The background of the image is a solid dark red color. Overlaid on this background are numerous red blood cells, depicted as biconcave discs. They are scattered across the frame, with some in sharp focus in the foreground and others blurred in the background, creating a sense of depth. The cells are a vibrant red color, matching the background but standing out due to their three-dimensional appearance and varying positions.

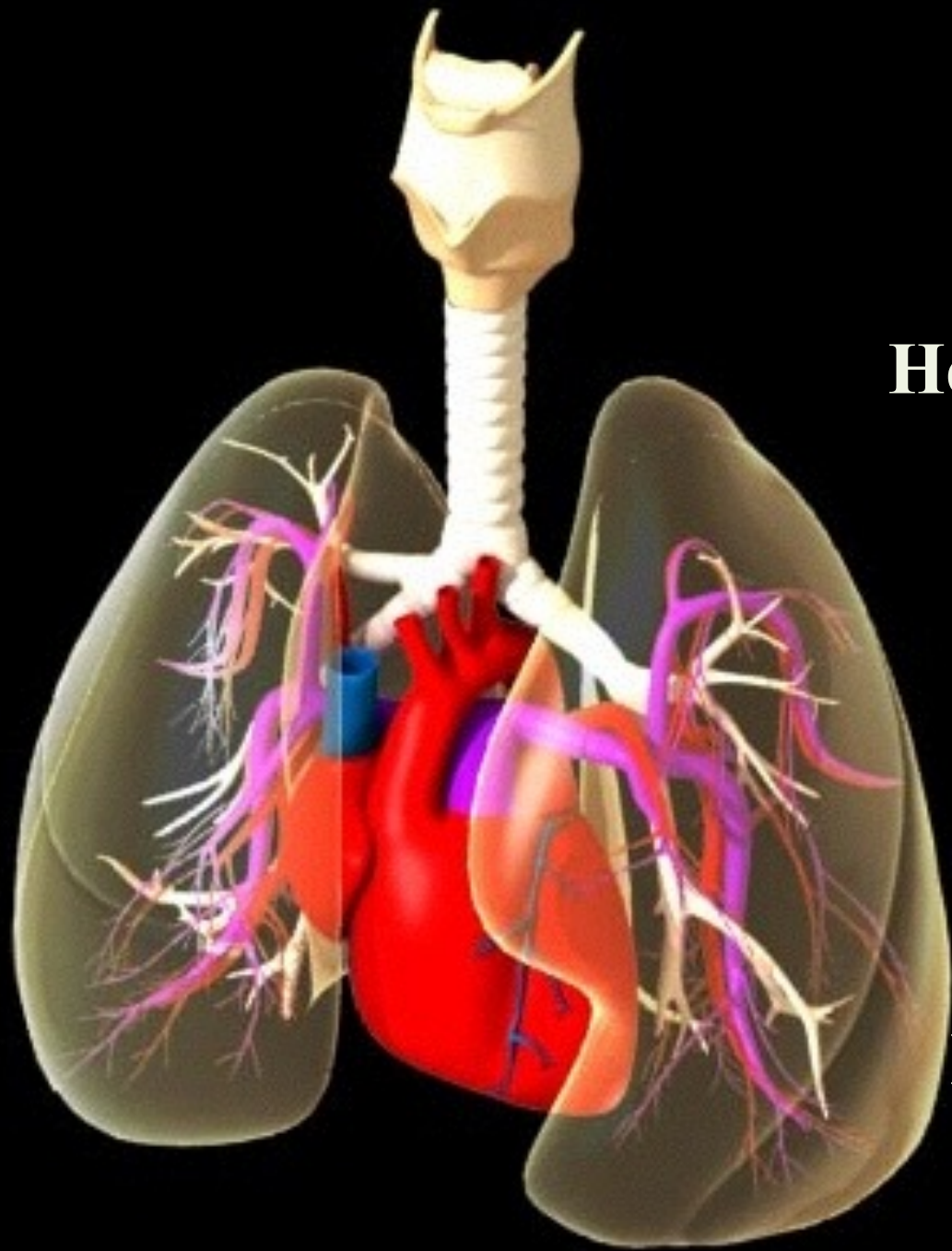
Every cell  
in our  
body must  
breathe to  
stay alive!



The lungs are constantly throwing off impurities, and they need to be constantly supplied with fresh air. Impure air does not afford the necessary supply of oxygen, and the blood passes to the brain and other organs without being vitalized.

Hence the necessity of thorough ventilation. To live in close, ill-ventilated rooms, where the air is dead and vitiated, **weakens the entire system**. It becomes peculiarly sensitive to the influence of cold, and a slight exposure induces disease. It is close confinement indoors that makes many women pale and feeble. They breathe the same air over and over until it becomes laden with poisonous matter thrown off through the lungs and pores, and impurities are thus conveyed back to the blood.

{MH 274.1}





In order to have good blood,  
we must breathe well. Full,  
deep inspirations of pure air,  
which fill the lungs with  
oxygen, purify the blood.  
They impart to it a bright  
color and send it, a life-giving  
current, to every part of the  
body. A good respiration  
soothes the nerves; it  
stimulates the appetite and  
renders digestion more  
perfect; and it induces sound,  
refreshing sleep. {MH 272.1}





In proper breathing the  
abdomen expands to  
full capacity.

Breathe in through  
the nose and out  
through the  
mouth.





# WHAT TO DO

- Breathing Exercises
- House Plants
- Cross Ventilation
- Exercise
- Ventilation Times
- Eliminate the Obvious





# HOUSEPLANTS THAT WILL DETOXIFY THE AIR IN YOUR HOME



**Areca  
Palm**

removes indoor  
chemical toxins



**Ficus  
Alii**

removes toxins to  
purify the air



**Lady  
Palm**

improves indoor  
air quality



**Dracaena  
Janet Graig**

removes  
trichloroethylene



**Dwarf Date  
Palm**

removes indoor  
air pollutants,  
particularly  
xylene



**Bamboo  
Palm**

removes traces of  
benzene,  
trichloroethylene  
and formaldehyde  
within the home



**Boston  
Fern**

removes indoor  
air pollutants,  
particularly  
formaldehyde



**Peace  
Lily**

removes alcohols,  
acetone,  
trichloroethylene,  
benzene and  
formaldehyde  
from indoor air

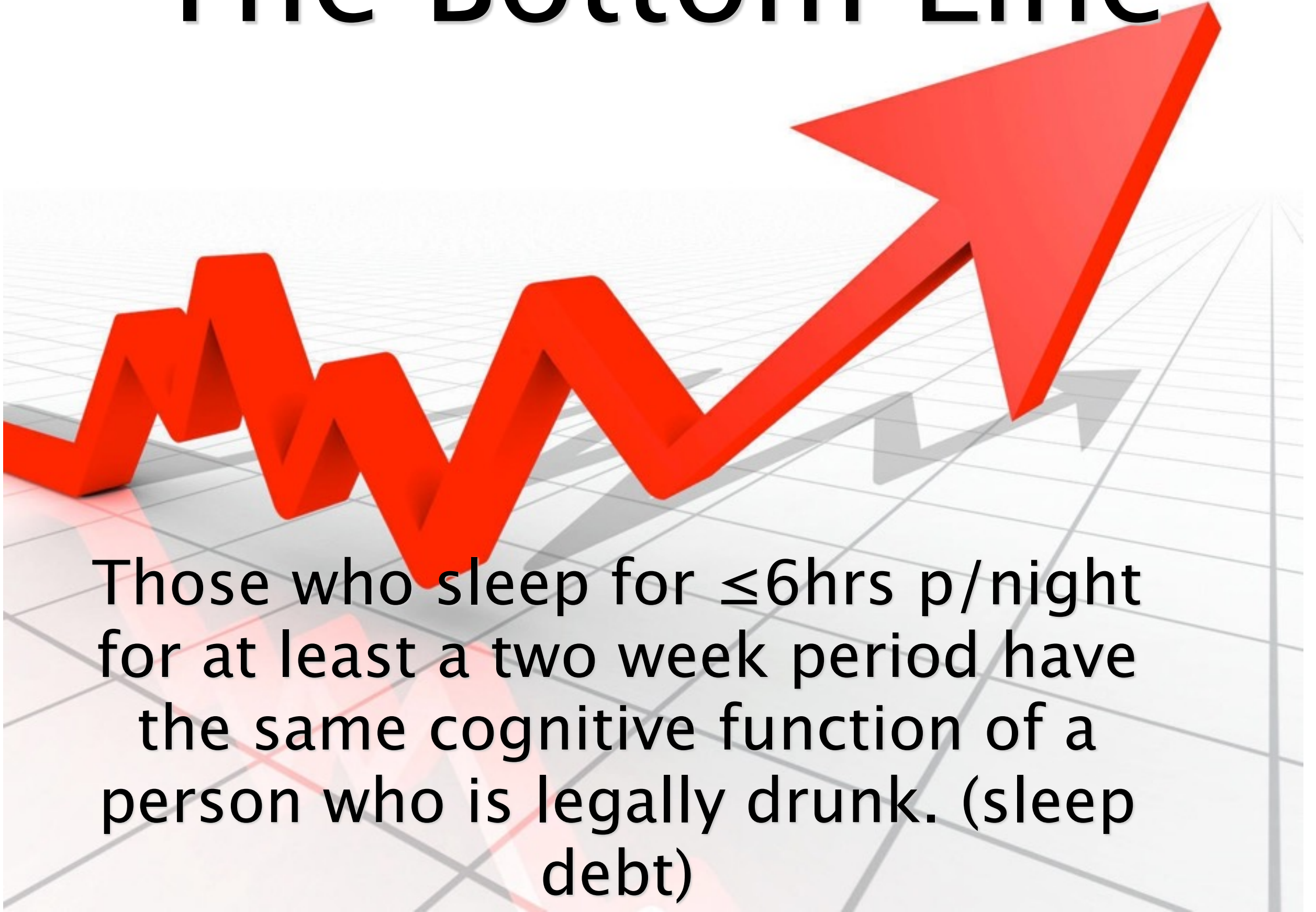




PROPER REST



# The Bottom Line



Those who sleep for  $\leq 6$ hrs p/night for at least a two week period have the same cognitive function of a person who is legally drunk. (sleep debt)



# THE UNIVERSITY OF CHICAGO



Dr. Eve Van Cauter is a sleep science trailblazer whose research team at the University of Chicago recently published the first study to specifically examine the physical health impact of ordinary sleep deprivation. She calls the impact of sleep debt on the body, **"astonishing."**

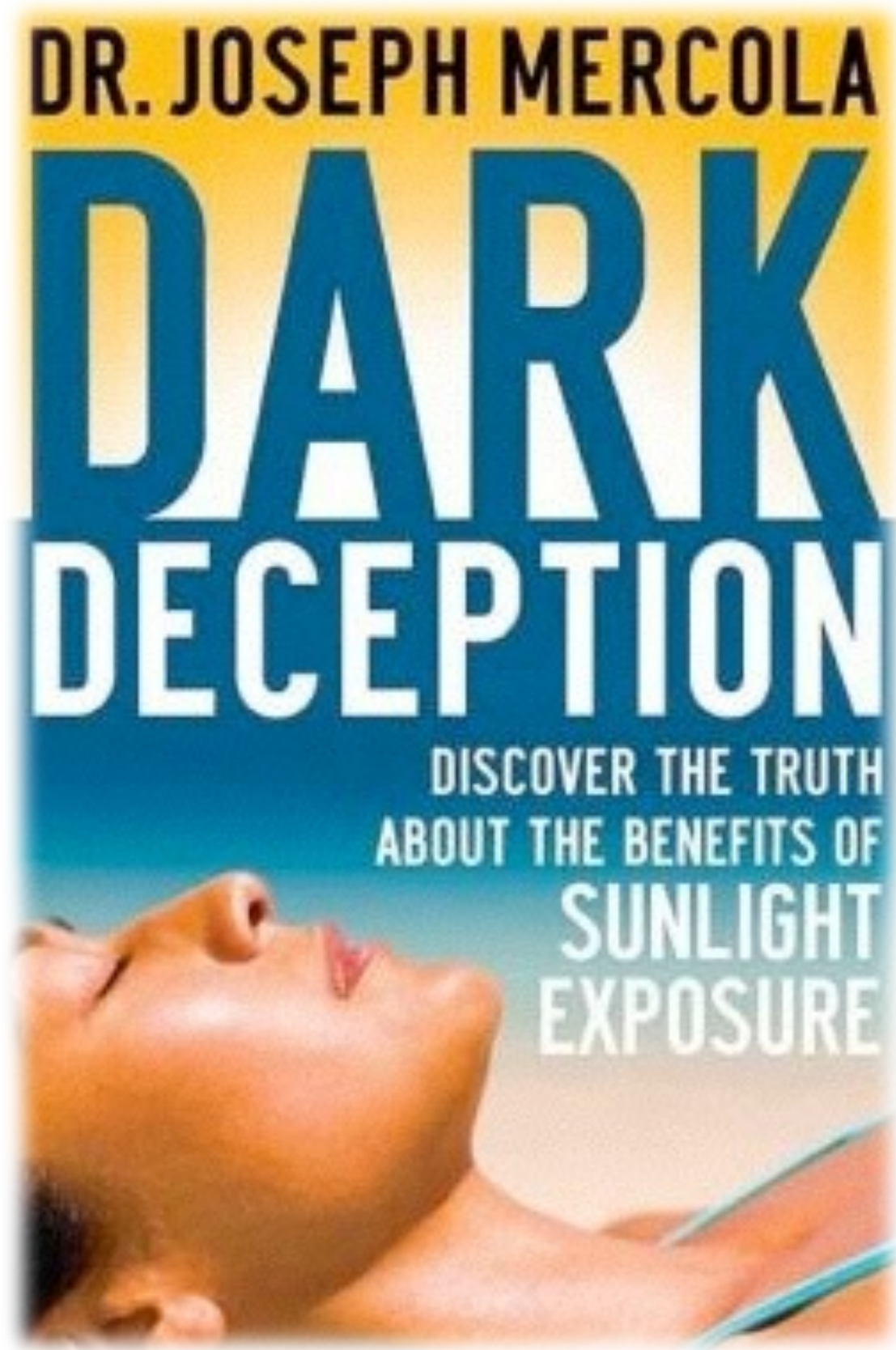


# THE UNIVERSITY OF CHICAGO



After **four hours** of sleep for **six consecutive nights**, healthy young men had blood test results that nearly matched those of **diabetics**. Their ability to process blood sugar was reduced by 30 percent, they had a huge drop in their insulin response, and they had elevated levels of a stress hormone called **cortisol**, which can lead to **hypertension** and **memory impairment**.





Go to bed around the same time each night, **ideally around 10 PM.** But take time before that to prepare. Some researchers even feel that every hour of sleep before midnight is equal to two hours of sleep after midnight.



# Best Time to Sleep

**Two hours' good sleep  
before twelve o'clock  
is worth more than  
four hours after  
twelve o'clock. . . .  
{7MR 224.3}**



# Benefits of Good Sleep

- Rebuilds the cells of your body.
- Refreshes the Brain
- Chases away fatigue.
- Enhances the cleansing process
- Healing takes place.
- Growth hormones released.
- Reinforces your character structure.
- Vital Energy is Restored.





# Serotonin – Sleep Hormone

- Hormone secreted by a Pineal gland, Hypothalamus, in the brain.
- Highest secretion between 10–11pm during sleep.
- Serotonin affects:
  - Mood
  - Carbohydrate craving
  - Sleep quality
- One cannot make it up for lost sleep,
- 50% reduction in T-cells by loosing a half a nights sleep. (Important for immune system)





**In daylight hours, the pineal gland synthesizes serotonin. In the absence of light, it converts serotonin to melatonin--the serotonin level falls and the melatonin level rises at night. The balance between serotonin and melatonin seems to affects mood and other physiological functions.**

**Anatomy and Physiology: The Unity of Form and Function, by Kenneth S. Saladin p. 632**



# How Much is Enough?

Age	Sleep Needs
Newborns (1–2mo)	10.5–18hrs
Infants (3–11mo)	9–12hrs + 30min–2hr Naps (1–4 times p/day)
Toddlers (1–3yrs)	12–14hrs
Preschoolers (3–5yrs)	11–13hrs
School-aged Children (5–12yrs)	10–11hrs
Teens (11–17)	8.5–9.5hrs
Adults	7–9hrs
Mature Adults	7–9hrs



# If you can't sleep!

- Hot bath 2 hrs before going to Bed.
- Warm shower just before going to Bed
- Don't eat just before you sleep.
- Drink a cup of "Relaxing herbal Tea" (Valerian, Scullcap, Hops, Vervain, Camomile, Peppermint)
- Go for a relaxed walk for 30 minutes.
- Read some good books, which will give you peaceful mind.





- Establish consistent sleep and wake schedules, even on w/e & days off
- Create a regular, relaxing bedtime routine – taking a hot bath or shower. Devotional life– 1hr or more before bedtime
- Dark (melatonin), Quiet, Comfortable & Cool
- Sleep on a comfortable mattress and pillows
- Use your bedroom only for sleep and intimacy (keep "sleep stealers" out of the bedroom – avoid watching TV, using a computer or reading in bed)
- Finish eating at least 5–6 hrs before your regular bedtime
- Exercise regularly during the day or at least a few hours before bedtime
- Abstain from the use of caffeine , tobacco, and alcohol products and other drugs/stimulants



TRUST IN GOD





# Keys in Trusting God

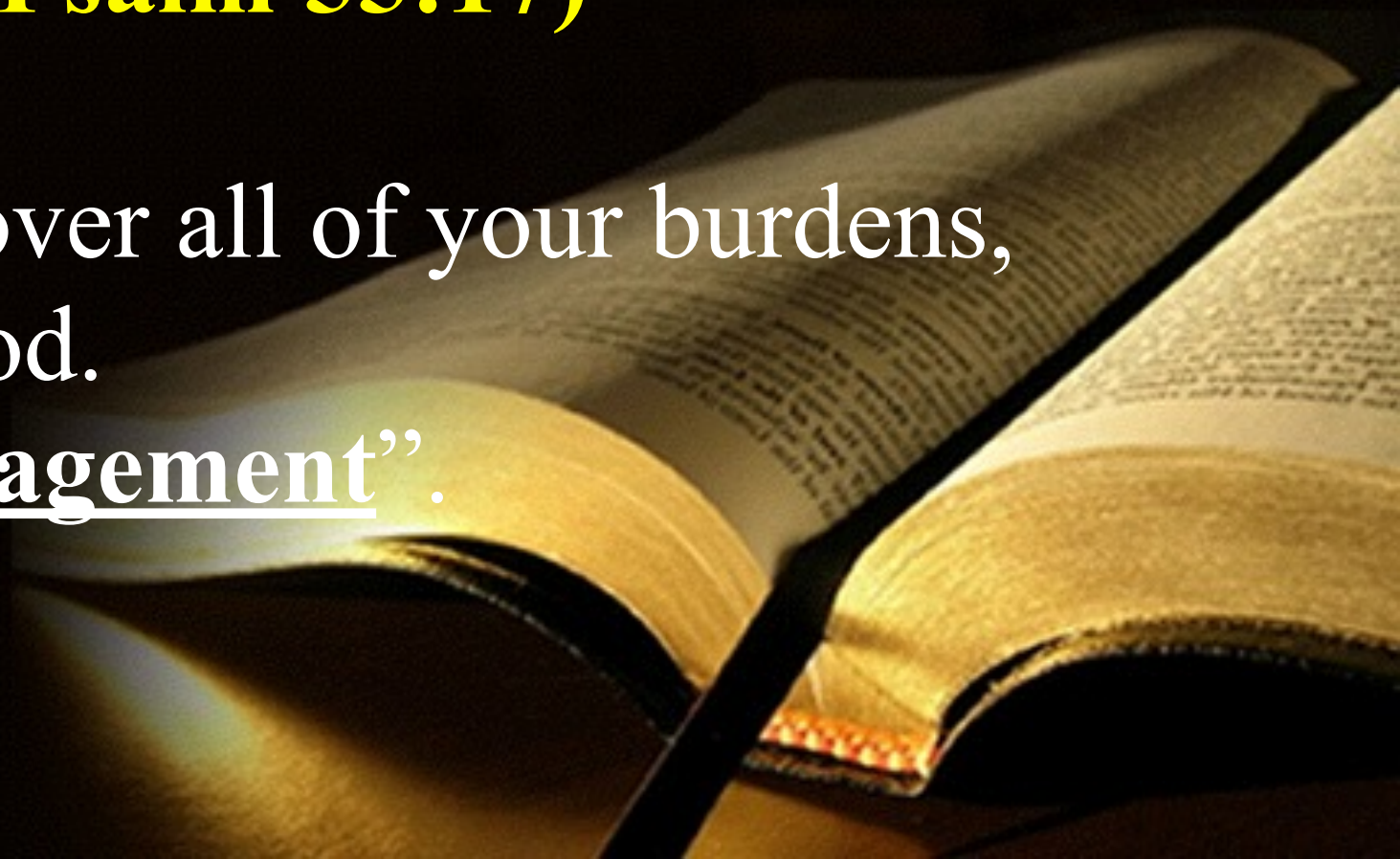
Make a decision to fully surrender your heart to God. **(Proverbs 23:26)**

Confess and Forsake all known sin.  
**(1st John 1:9)**

Commune with God in morning, noon, & evening devotion daily. **(Psalm 55:17)**

Make a habit of turning over all of your burdens, challenges, & cares to God.

This is true “Stress Management”.  
**(1st Peter 5:7)**

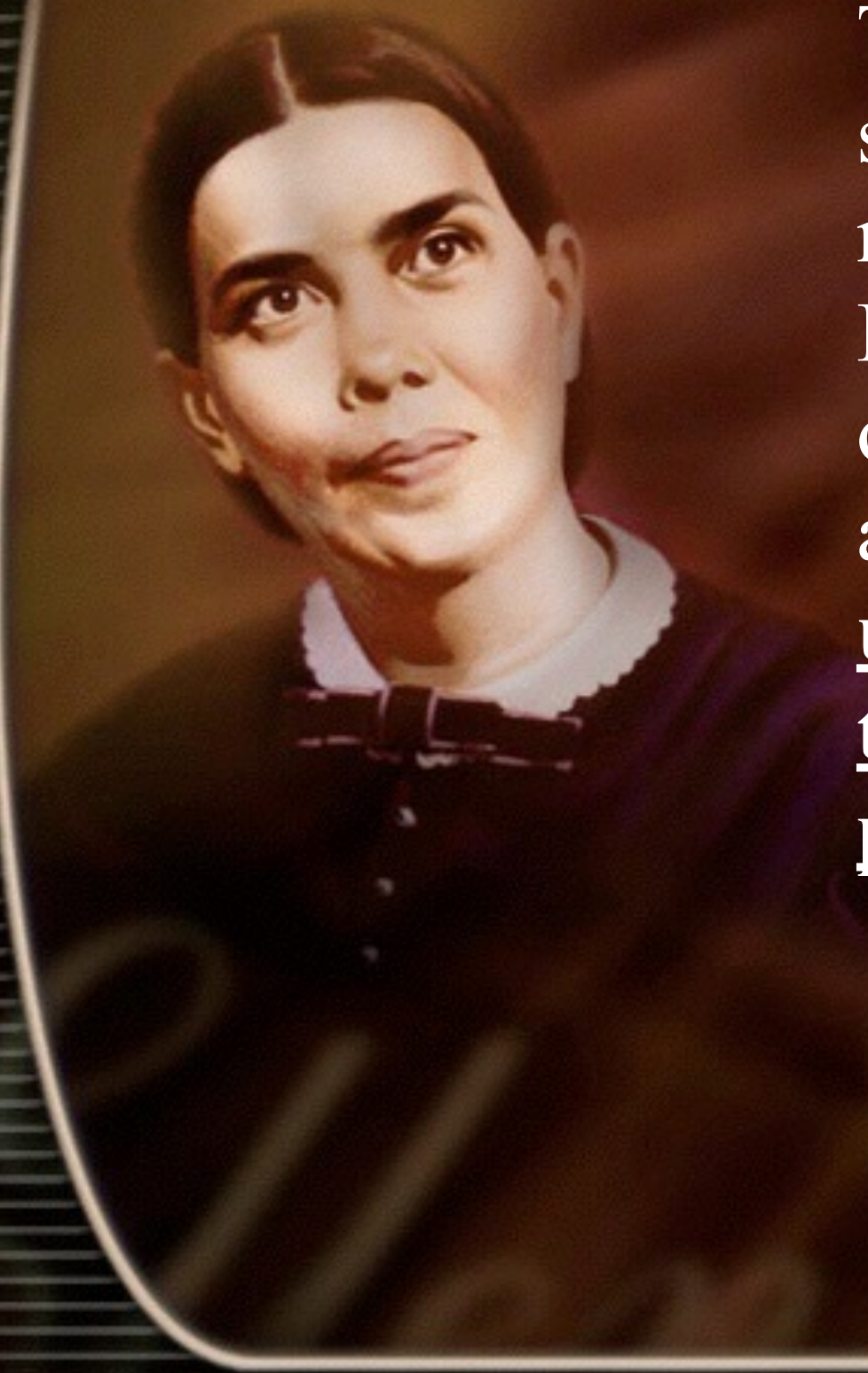






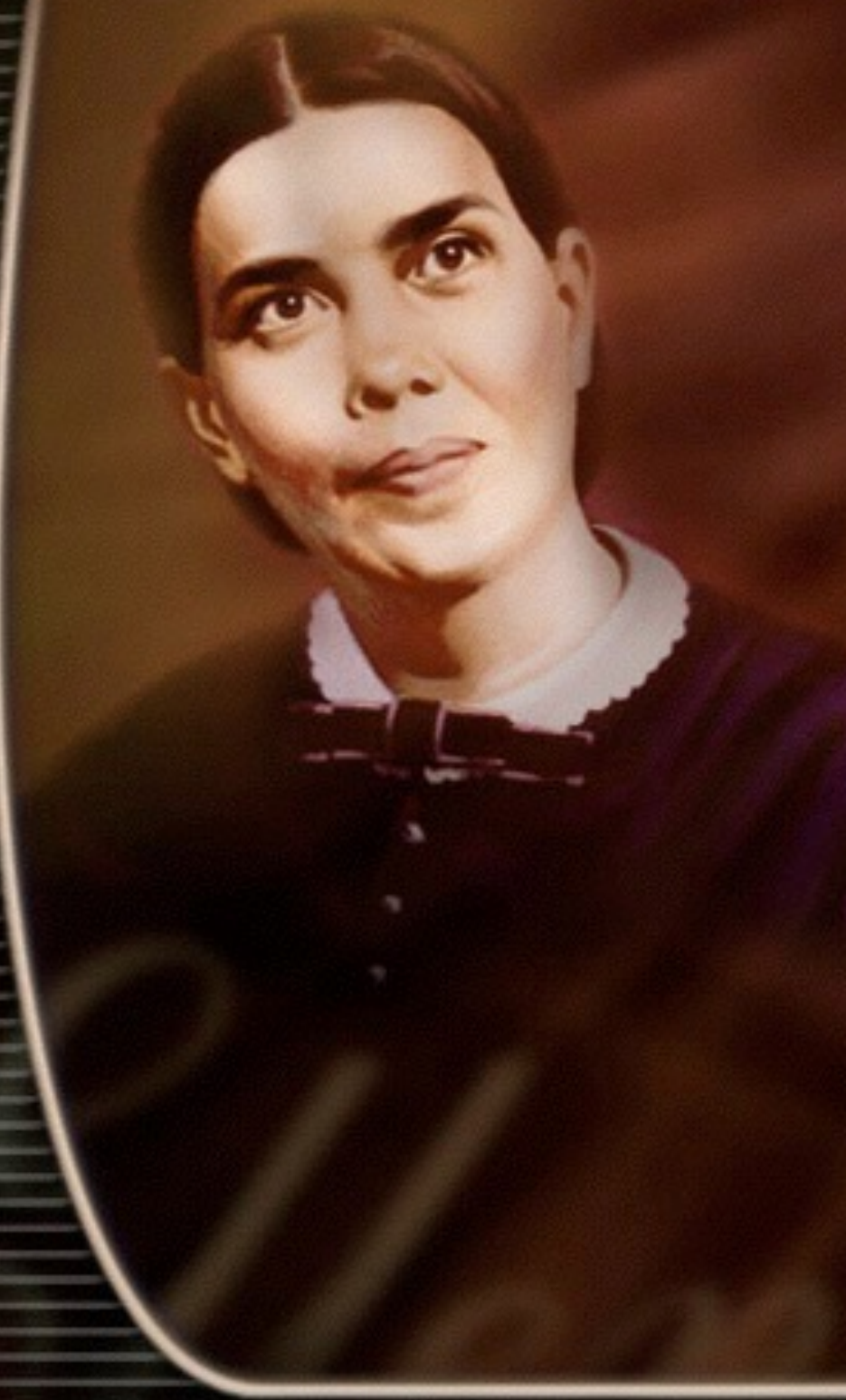
In one way only can a true knowledge of self be obtained. We must behold Christ. It is ignorance of Him that makes men so uplifted in their own righteousness. When we contemplate His purity and excellence, we shall see our own weakness and poverty and defects as they really are. We shall see ourselves lost and hopeless, clad in garments of self-righteousness, like every other sinner. We shall see that if we are ever saved, it will not be through our own goodness, but through God's infinite grace. {COL 159.1}





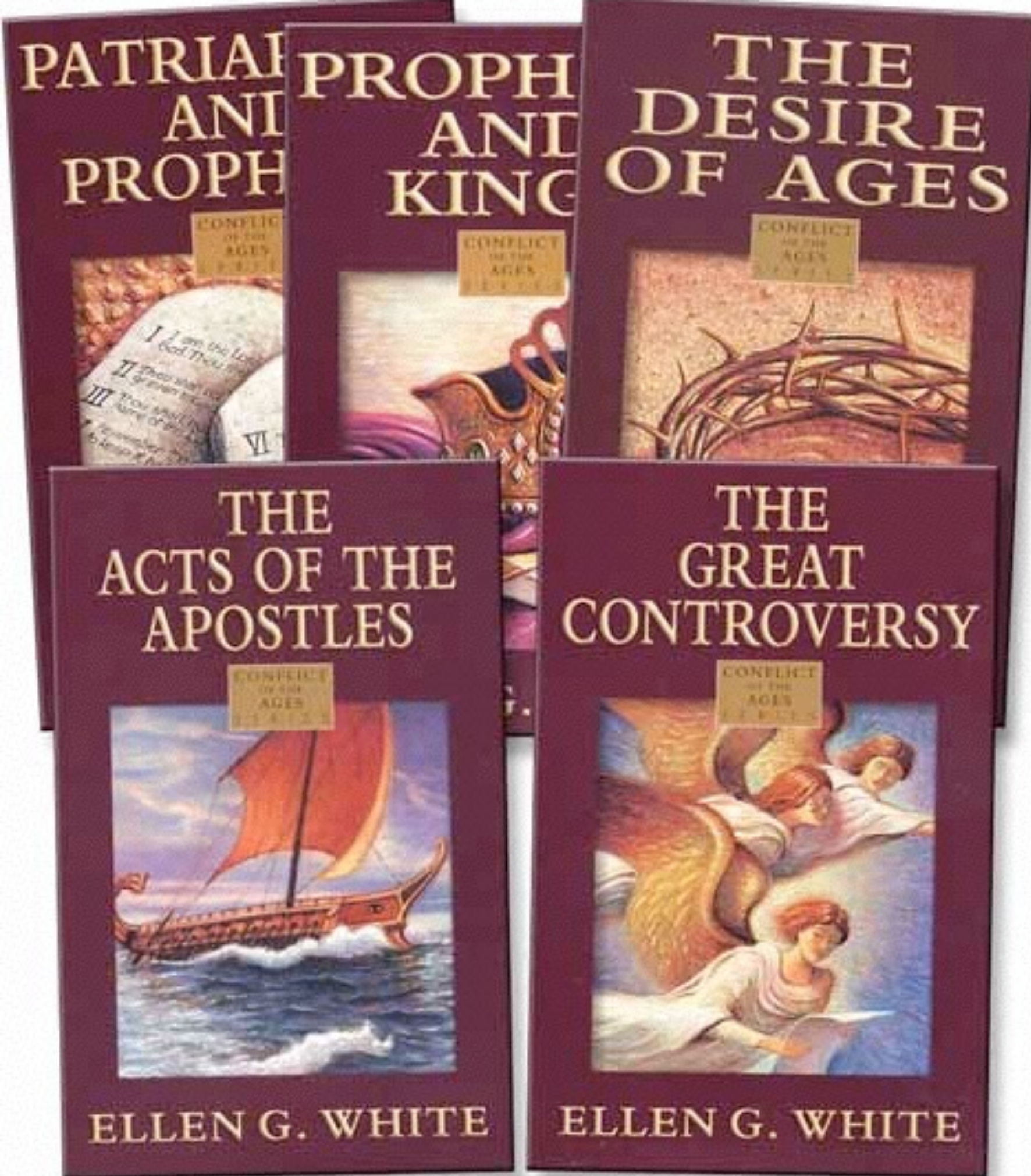
Those who experience the sanctification of the Bible will manifest a spirit of humility. Like Moses, they have had a view of the awful majesty of holiness, and they see their own unworthiness, in contrast with the purity and exalted perfection of the Infinite One.  
{GC88 470.2}





There can be no self-exaltation, no boastful claim to freedom from sin, on the part of those who walk in the shadow of Calvary's cross. They feel that it was their sin which caused the agony that broke the heart of the Son of God, and this thought will lead them to self-abasement. Those who live nearest to Jesus discern most clearly the frailty and sinfulness of humanity, and their only hope is in the merit of a crucified and risen Saviour. {GC88 471.2}





**Study 3 chapters of bible per day and 10 pages from your book.**

- 1) What was the lesson talking about
- 2) What does it have to do with me
- 3) What did I learn of God's character



# WHY IS TAKING CARE OF MY BODY SO IMPORTANT?

## 1<sup>st</sup> Thessalonians 5:23

And the very God of peace sanctify you wholly; and I pray God your whole spirit and soul and body be preserved blameless unto the coming of our Lord Jesus Christ.





# Assignment



Study one disease per month (eg. Diabetes,  
Hypertension, Arthritis etc.)

Apply the Laws of Health as a means of  
overcoming

Immediately share with someone to help them

Maintain a record of results